

LIBRARY
OF THE
UNIVERSITY
OF ILLINOIS

551.05
UNNJ
1958-59

Digitized by the Internet Archive
in 2013

http://archive.org/details/climatologicalda6364unit_2

51.05
NNJ
:op.1

U. S. DEPARTMENT OF COMMERCE
SINCLAIR WEEKS, Secretary
WEATHER BUREAU
F. W. REICHELDERFER, Chief

CLIMATOLOGICAL DATA

NEW JERSEY

JANUARY 1958
Volume LXIII No. 1

THE LIBRARY OF THE
UNIVERSITY OF

ASHEVILLE: 1958

TEMPERATURE AND PRECIPITATION EXTREMES

Highest Temperature: 59° on the 22nd at 4 stations

Lowest Temperature: -8° on the 10th at Runyon

Greatest Total Precipitation: 7.37 inches at Cedar Grove

Least Total Precipitation: 2.63 inches at Belleplain

Greatest One-Day Precipitation: 2.94 inches on the 14th at Laurelton 1 E

Greatest Reported Total Snowfall: 12.7 inches at Atlantic City WB

Greatest Reported Depth of Snow on Ground: 11 inches on the 8th at Atlantic City WB

PREPARATION AND PUBLICATION OF THIS BULLETIN

Much of the data presented in this publication comes from observations taken by volunteer cooperative observers. These observations are mailed after the close of the month to a Weather Records Processing Center, where they are checked for accuracy and completeness and placed on punch cards. These cards are used to prepare copy for the various tables. Printing and mailing is done at the National Weather Records Center at Asheville, North Carolina.

The various steps all take time. Records for any state can not be checked by machine until nearly all of them for that state have been received. Printing can not be done until all the tables and the text for an issue are completed and assembled.

Constant effort is made to speed up publication and still maintain high quality of the data. A realistic deadline for mailing the printed Climatological Data has been set as the 15th of the second following month (45 days after the end of the month for which data are published). If any recipient's copy is unduly delayed, the Director, National Weather Records Center, Asheville, North Carolina should be advised.

SPECIAL NOTICE

A survey has indicated that the comprehensive narrative weather story carried in each issue of Climatological Data is of value to only a small number of recipients. This story is being discontinued, therefore, with the January 1958 issue. A table of extremes will be carried each month and a text will be carried whenever unusual and outstanding weather events have occurred. General weather conditions in the U. S. for each month are described in the publications MONTHLY WEATHER REVIEW and the MONTHLY CLIMATOLOGICAL DATA, NATIONAL SUMMARY, either of which may be obtained from the Superintendent of Documents, Government Printing Office, Washington, D. C.

NNJ
1958-57

CLIMATOLOGICAL DATA

Station		Temperature: Average Maximum	Average Minimum	Average	Departure From Long Term Means	Highest	Date	Lowest	Date	Degree Days	No of Days: Max 90° or Above	Max 32° or Below	Min 32° or Below	Min 0° or Below	Precipitation: Total	Departure From Long Term Means	Greatest Day	Date	Snow, Sleet: Total	Max Depth on Ground	Date	No of Days: 10 or More	50 or More	1.00 or More
NORTHERN																								
BELVIDERE		35.6	22.7	29.2	- .9	44	22	6	10	1102	0	8	24	0	4.28	.50	1.01	22	3.0			8	4	1
BOONTON 2 SE	AM	36.3	20.3	28.3	- .8	53	22	2	10	1129	0	9	27	0	5.01	1.72	1.77	15				7	3	2
CANOE BROOK	AM	37.1	18.8	28.0	- 1.1	55	22	- 6	10	1141	0	10	28	3	5.74	1.93	2.16	15	4.5	3	10+	6	3	2
CHARLOTTEBURG	AM	34.8	18.2	26.5	- 2.5	51	23	- 2	13	1184	0	10	28	2	5.73	1.94	1.95	15	5.8	3	18+	9	3	3
ELIZABETH		38.9	23.8	31.4	- 1.7	56	22	6	10	1035	0	5	23	0	6.16	2.01	1.39	15	7.9	5	8	8	5	2
ESSEX FELLS SERV BLDG	AM	35.6	21.1	28.4		50	23+	8	9+	1130	0	9	28	0			2.40	15					4	2
FLEMINGTON 1 NE		37.5	20.7	29.1	- 2.8	55	22	- 1	10	1106	0	6	25	1	4.84	1.48	1.48	22	7.8	4	9+	9	4	1
HIGH POINT PARK		30.0	15.6	22.8		44	23+	- 2	19	1301	0	18	31	3	5.16		1.39	22				10	3	2
JERSEY CITY		36.4	24.7	30.6	- 2.3	57	22	11	4	1058	0	9	24	0	5.24	1.77	1.63	14				9	3	2
LAMBERTVILLE		38.0	23.0	30.5	- 1.3	55	22	6	10	1065	0	4	24	0	4.05	.61	1.39	22	3.5	3	8	7	3	1
LAYTON 3 NW		34.6	19.0	26.8	- .2	42	1	- 2	13+	1176	0	10	27	2	4.20	1.29	1.33	22	6.4	2	26+	8	3	1
LITTLE FALLS 1 E	AM	39.3	22.3	30.8	- .5	56	23+	4	10	1052	0	5	27	0	6.35	2.60	2.30	15	6.6	4	8	7	4	2
LONG VALLEY		36.3	20.8	28.6		51	22	2	13+	1123	0	7	26	0	D 5.44	1.83	1.45	14	5.0				4	1
MORRIS PLAINS		36.8	21.6	29.2		53	22	4	13+	1102	0	5	25	0	5.38		1.67	22	6.1			8	4	3
NEWARK WB AIRPORT	R	38.0	25.3	31.7	.2	55	22	12	4	1025	0	7	24	0	3.55	- .05	.71	22	6.3	4	9+	8	4	0
NEWTON	AM	33.5	17.6	25.6	- 2.3	45	1	0	13+	1214	0	12	28	2	3.51	.41	1.18	15		3	16	8	3	1
PATERSON	AM	38.5	20.7	29.6	- 2.3	55	23	8	4	1090	0	7	27	0	6.44	2.76	2.20	15	5.5			8	3	2
PHILLIPSBURG		38.6	24.0	31.3	.9	48	22	9	13+	1036	0	4	24	0	4.50	.63	1.05	22	3.5	A	25+	9	3	2
PLAINFIELD		38.4	23.0	30.7	- 1.5	55	22	4	10	1057	0	5	25	0	6.14	2.46	1.68	14	6.5	4	8+	9	4	3
RIDGEFIELD		37.3M	23.6	30.5M	- .7	53	22	8	10	1065	0	7	23	0	5.42	1.70	1.37	25	8.8	5	16	8	4	3
SOMERVILLE		37.3	21.9	29.6	- 1.9	59	22	0	10	1091	0	6	24	1	4.78	1.43	1.22	15	4.8	3	8	7	4	3
SUSSEX 3 N	AM	33.3	14.9	24.1	- 4.1	45	1	1	10	1259	0	13	31	0	3.89	.39	1.21	26		4	26	7	3	2
DIVISION				28.8	- 1.7										5.04	1.47			5.8					
SOUTHERN																								
AUDUBON		39.1	25.1	32.1		58	22	12	13+	1012	0	6	25	0					4.0	4	7			
BELLEPLAIN		41.5	22.1	31.8		58	22	- 4	10	1021	0	5	26	1	D 2.63	- .99	1.25	25	2.8			6	2	1
BRIDGETON 1 NE	AM																							
BURLINGTON		39.9	24.3	32.1	- 2.5	58	22	5	10	1014	0	2	23	0	3.96	.61	1.30	14		3	8	8	3	2
CHATSWORTH 5 S		39.7	22.7	31.2		55	22	2	10	1040	0	5	26	0	5.77		1.59	14	9.0	7	9+	9	4	2
CLAYTON		38.8	24.1	31.5		55	22	6	13	1032	0	6	24	0	5.07		1.35	14	4.5	5	8	8	4	3
FREEHOLD		37.7	23.4	30.6	- 2.4	56	22	6	9	1062	0	8	26	0	D 6.03	2.39	1.58	25	8.8	5	9+	9	4	3
HAMMONTON 2 NNE	AM	39.5	22.6M	31.1M	- 3.6	58	22	6	13	1053	0	7	25	0	4.96	1.27	1.90	15	5.5			7	3	2
HIGHTSTOWN 1 N		37.7	23.3	30.5	- 2.2	56	22	3	13	1062	0	7	26	0	4.90	1.62	1.30	25	5.2	4	10+	7	4	2
INDIAN MILLS 2 W		38.4	21.7	30.1	- 3.7	57	22	- 2	10	1077	0	8	25	2	5.57	1.85	1.70	14	5.2	4	9+	7	4	3
LAURELTON 1 E		39.8	20.7	30.3	- 3.4	59	22	- 1	13	1071	0	5	26	1	6.49	2.64	2.94	14	8.0	8	9+	6	4	2
LEESBURG STATE FARM		40.5		M		59	22				0	5			3.18		1.10	25	6.7			6	2	1
MILLVILLE		40.2M	23.8M	32.0M		57	22	10	13+	1016	0	7	28	0	3.97		1.47	14				5	2	2
MOORESTOWN		38.9	24.6	31.8	- 1.4	58	22	9	13	1020	0	7	25	0	3.68	.45	1.39	15	4.0	4	8	5	3	2
NEW BRUNSWICK EXP STA		37.9	23.6	30.8	- 1.8	56	22	6	13+	1057	0	6	24	0	5.46	2.08	1.77	15	5.0	4	7	8	4	2
PEMBERTON 3 E		39.3	22.0	30.7	- 3.7	57	22	1	13+	1058	0	4	25	0	5.91	2.59	1.57	25	7.0	6	8	8	5	3
PLEASANTVILLE 1 N	AM	39.9M	19.0M	29.5M	- 4.7	55	23	1	13	1100	0	7	26	0	4.23	.34	1.42	15		8	10+	7	3	2
RUNYON		38.9	18.4	28.7	- 2.1	52	22	- 8	10	1120	0	5	29	3	5.71	2.05	1.50	25	5.5			8	5	3
TRENTON 2		39.0M	26.0M	32.5M		55	22			996	0			0	4.86	1.11	1.48	14	4.2	4				2
TRENTON WB CITY	R	37.9	25.5	31.7	.9	57	22	12	4	1027	0	8	24	0	3.66	.50	1.21	14	3.5	3	8	6	2	2
TUCKERTON		40.1	21.5	30.8		54	22	- 3	13	1052	0	5	26	2			2.00	14						
DIVISION				31.0	- 2.8										4.78	1.23			5.6					
COASTAL																								
ATLANTIC CITY WB	R	39.9	27.6	33.8	- 2.0	52	1	15	9+	962	0	6	19	0	5.24	1.46	1.76	25	12.7	11	8	5	3	3
CAPE MAY 3 W		40.2M	29.2M	34.7M		51	1	13	13	929	0	5	19	0	2.86		1.23	25				4	2	1
LONG BRANCH		38.2	24.8	31.5	- 1.8	59	22	11	10	1028	0	7	24	0	4.77	.84	1.75	14	8.5	8	10+	6	4	2
SANDY HOOK LBSTA																								
DIVISION				33.3	- 1.5										4.29	.62			10.6					

See Reference Notes Following Station Index

DAILY PRECIPITATION

NEW JERSEY
JANUARY 1958

Station	Total	Day of month																																
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
ATLANTIC CITY WB R	5.24	.17						1.21							1.62	.01	.03	T	.05			.06	.30		.01	1.76	.02				T	T	
AUDUBON	–	T						.50							–	–	–	T	T			.34	.82			1.05	T						
BASS RIVER ST FOREST D	5.95	.18						*	01.10						1.80	.33							.47	.12		*	1.93							
BELLEPLAIN D	2.63	.12						0.28							.24				0.03			.12	.60			1.25							
BELMAR	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	
BELVIDERE	4.28	.40						.05	.05						.55	.85	.15	T	T			.20	1.01			.52	.40					.04	
BERLIN 1 W	7.12	.25	.15						.62						T	2.00							1.75	.25		.10	1.90	.10					
BLACKWELLS MILLS	5.63	.20	.05						.30							2.11	.08	.02					1.38	.15		.47	.71	.06				.02	
BOONTON 2 SE	5.01	.17							.19							1.77	.05	T	T				1.42	.16		.33	.87	.05	T	T		T	
BOUND BROOK 1 W	4.82	.12							.24							1.90	.08						1.23	.05		.54	.68	.03				T	
BRANCHVILLE	5.84	.30							.15							.95	.13	.07					1.11	.08		T	.95	.17				.03	
BRIDGETON 1 NE		RECORD MISSING																																
BURLINGTON	3.96	.10						.14	.16						1.30	.35	.01		T			.10	.70			1.08	.02					T	
CANISTEAR RESERVOIR	3.47	.30	T						.22							1.84	.05	.05	T	T			1.04	.18		.44	1.15	.09	.09	T		.04	
CANOE BROOK	3.74	.16							.31							2.16	.09	.01					1.61	.09		.47	.78	.04	T			.02	
CANTON	3.74	.06							.28						.16	1.30	T		.20				.05	.47		1.01		.01					
CAPE MAY 3 W	2.86	.08							.35						.63	.09	.08		.01			.03	.32			1.23	.02		.02				
CEDAR GROVE	7.37	*	.37						.40							2.50	.05	.15					1.82	.10		.80	1.25	.15					
CHARLOTTEBURG	3.73	.28							.30							1.95	.12	.02					1.50	.17		.28	1.15	.14	.01			.01	
CHATHAM	3.58	.21							.35							1.99	.11						1.36	.09		.35	.87	.05	T			T	
CHATSWORTH 5 S	5.77	.15						.22	.55						1.59	.39	.20	.03	T	T		.03	.07	.02		1.42	.20		T				
CLAYTON	5.07	.05						.51	.02						1.35	.15	.16	T	T			1.05	.36	T		1.28	.14		T			T	
CLINTON	4.46	.11						.08	.12						.36	1.20	.06						1.38			.74	.12	.04				.05	
DEEPWATER	3.01	.04						.12							.05	.03						.5	.67			.98							
ELIZABETH	6.18	.26						.06	.85			T			.65	1.39	.35		.01			.05	1.35	.01		.86	.14	.05	.01			.02	
ELIZABETHPORT	4.80	.21						.30							1.36	.48	.13		T			.46	.59			1.02	.02					.01	
ESSEX FELLS SERV BLDG	–	–	–						.32							2.40	.16						1.20			.50	.82	.09					
FLEMINGTON 1 NE	4.84	.15						.10	.20			T				.94	.04		.03			.14	1.48	T		.95	.15	T	T	T		.01	
FORTESCUE	3.28								.30							1.16	.05		.07				.34	.15		.92	.09						
FREEHOLD D	6.03	.10						0.20	.40						1.35	1.18	.15					.02	.90			1.68	.15					T	
GREENWOOD LAKE	6.03	.32	T	.01					.36							1.85	.11	.09					1.42	.18		.14	1.58	.13	.82	.84	T	.02	
HAMMONTON 2 NNE	4.98	T	.12						.31						.03	1.90	.04			.03			.81	.28		1.25	.21						
HIGH POINT PARK	5.16	.33							.25							.90	.40	.10					1.30	.05	.02	.24	1.16	.22	.10			T	
HIGHTSTOWN 1 N	4.90	.13						.08	.30						.00	1.16	.03		T			.02	.74			1.30	.24				T	T	
INDIAN MILLS 2 W	5.57	.09						.40	.20						1.78	.55	.07	T	T			.10	1.04			1.38	.04		T				
IRVINGTON	5.10	.19						.23							1.40	.52	.06					.89	.78			.92	.06	.02				.03	
JERSEY CITY	5.24	.20						.42							1.63	.35	.29					.60	.58			1.18	.12						
LAMBERTVILLE	4.05	.07						.12	.11							.69	.42	.05				.08	1.39			.88	.23					T	
LAURELTON 1 E	6.49	.19						.84							2.04	.09	.03		T			.09	.56			1.65	.10	T				T	
LAYTON 3 NW	4.20	.35						T	.12							.11	.73	.05		T		.07	1.33	T		.93	.35	.14	.03			.03	
LEESBURG STATE FARM	3.18	.01						.20	.30							.80	.21	.06		.03		.05	.33	.02		1.10	.05		.02				
LITTLE FALLS 1 E	6.35	.23	.01						.37							2.30	.11	.03					1.87	.07		.59	.93	.03	T			.01	
LONG BRANCH	4.77	.14						.75	T						1.75	.06	.03		T			.18	.65			1.12	.09		T			T	
LONG VALLEY L	5.44	.20						*	0.30						1.45	.35	0.20					.90	.92			.85	.22					.05	
MACOPIN INTAKE	5.40	.22	T						.27							1.79	.10	T					1.46	.17		.33	.03	.11	T			.02	
MAHWAH	5.47	.26	.01						.30							1.67	.06	.01					1.41	.22		.17	1.18	.10	.03	.01	T	.02	
MANVILLE	5.23	.19						.15							1.05	.15	.18					.60	.74			1.21	.09					T	
MARLTON 1 W	4.27	.13						.10	.15						1.05	.37	.06		.05			.05	.83	.02		1.20	.06						
MAYS LANDING	3.61	.10						.40	.80									T	.10	.08		.10	.45			1.42	.36						
MIDLAND PARK	5.62	.25							.37							2.03	.10						1.60	.12		.99	.14	.01				.01	
MILLVILLE	3.97	.08	T					.26	.05						1.47		.04					.38	.45		.02	1.24					T		
MILTON	5.88	.33							.40							1.72	.20	.00	.03				1.13	.26		.31	1.09	.22	.05	.02		.03	
MOORESTOWN	3.68	.04	.05						.26						T	1.39	.02		T	T			.70	.10		.08	1.04				T		
MORRIS PLAINS	5.38	.16	T					T	.27			T			.54	1.28	.09	T	T			.10	1.87	.08		1.05	.13	T	T		T	.01	
NEWARK WB AIRPORT R	3.55	.23						.47	T			T			.81	.22	.17		T			.56	.71			.51	.04	T	T			.03	
NEW BRUNSWICK EXP STA	5.46	.22						.09	.20						.55	1.77	.12					.83	.15			1.47	.04		T			.82	
NEW MILFORD	5.70	.28						.36							1.40	.40	.16					.52	1.06			1.40	.06		.04				
NEWTON	3.51	.22							.10							1.18	.11	T		T			.70	.02		.23	.70	.15	T			.01	
OAK RIDGE RESERVOIR	5.38	.29							.35							1.74	.17	.07	.03	.02			1.08	.24		.22	.02	.16	.04	.02		.03	
OLDWICK	4.36	.13							.24				T			1.42	.06			T			1.55	.20		.40	.30	.03	T			.03	
ORANGE	6.15	.33							.46						.12	1.94	.13						1.02	.11		.80	.26	.06				.02	
PATERSON	6.44	.12	.35	T					.27							2.20	.08	.09		T			2.00	.15		.70	.42	.04	.01	.01		T	
PEMBERTON 3 E	5.91	.15						.16	.52						1.57	.79	.07		.08			.03	1.03			1.57	.14						
PHILLIPSBURG	4.50	.20						T	.15			T			.40	1.03	.18		T			.08	1.05	.16		.95	.21	T	T			.09	
PHILLIPSBURG BRIDGE	4.45	.20							.12							1.33	.12						*	1.21		.22	*	1.20				.05	
PLAINFIELD	6.14	.23	T					.41				T			1.68	.51	.13		T			1.34	.13			1.43	.22	T	T			.02	
PLEASANT RUN	4.99	.34							.42							1.86	.11	.04	.02				1.26	.16		.48	.17	.10	.01			.02	
PLEASANTVILLE 1 N	4.23	.13	.09						.30						.05	1.42	.05	.02	T	T			.27	.10		1.15	.55	T					
PRINCETON WATER WORKS	4.31	.15						.39							1.61	.08	T					.55	.45			.80	.28						
RAHWAY	4.56	.15						.30	.01						1.64	.24	.10		T			.48	.53			.08	.04	T				T	
RIDGEFIELD	5.42	.20	T					.30	.05						1.10	.53	.46		T			1.00	.29			1.37	.01	.07	.01			.03	
RINGWOOD	5.52	.20							.35						T	1.70	.11						1.39	.11		.69	1.01	.11	.02		T	.03	
RUNYON	5.71	.22							.45						.50	1.41	.12						1.01			1.30	.50						
SANDY HOOK L8STA		RECORD MISSING																																
SOMERVILLE	4.78	.09						.06	.26						.53	1.22	.04					.15	1.16			1.05	.12	.04				.04	
SPLIT ROCK POND	5.08	.20							.05							1.65	.09	.01					1.37	.27		.63	.74	.04	.01			.01	
SUSSEX 3 N	3.80	.20		T					.20							1.12	.13	.03	T	T			.69	.06		.06	1.21	.14	T			.03	
SWEDESBORO 5 NW	3.30	.06							.14						.18	.53	.08		T			.01	1.04	.11		1.08	.07						
TOMS RIVER	7.14	.25						.68	.10						2.35	.88						.74	.12			1.93	.12						
TRENTON 2	4.86	*						.52							1.48	.06	.06	T	.02			.44	.76			1.36	.18					T	
TRENTON WB CITY R	3.66	.10						.31	T						1.21	.04	.03	T	.02			.44	.31			1.15	.06					.01	
TUCKERTON	–	.20						–	–						2.00								.81			1.80	.10						
VINELAND	4.47	.04	.03						.40						.03	1.36		.04	.03	.04			.81	.27		1.10	.12						
WANAQUE RAYMOND DAM	5.73	.20							.30							1.75	.08						1.52	.14	.03	.48	1.11	.10	T		T	.02	
WERTSVILLE	4.31	.04							.25							1.34	.07						1.23	.08		.35	.71	.04	T			T	
WESTFIELD	6.34	.26						.58	.02						1.84	.44	.10		T			.74	.01			1.30	.08	.05	T	T		.02	
WOODCLIFF LAKE	6.42	.50						.40							1.60	.40	.10					.50	1.48			1.52	.08		.04				

See Reference Notes Following Station Index

DAILY TEMPERATURES

Station		Day Of Month																												Average
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
ATLANTIC CITY WB	MAX	32	33	32	28	38	41	41	33	39	38	42	32	28	48	42	35	37	32	39	38	48	31	48	43	46	42	48	41	46	46	46	39.9
	MIN	33	23	21	15	15	24	31	22	15	17	27	17	23	30	35	31	31	20	16	20	36	35	33	29	49	37	32	34	34	35	35	27.6
AUDUBON	MAX	46	32	30	24	34	44	37	34	39	38	49	34	36	41	40	36	33	32	30	39	51	38	46	41	44	42	48	41	44	43	48	39.1
	MIN	31	23	19	12	10	18	29	19	15	13	22	15	12	41	35	30	31	19	15	20	25	37	34	26	37	37	31	35	32	29	29	25.1
BELLEPLAIN	MAX	53	44	39	29	35	42	42	32	29	39	41	38	38	50	51	40	38	36	30	48	43	38	45	42	47	44	48	46	42	44	48	41.5
	MIN	39	23	19	10	7	9	30	23	7	- 4	13	3	2	31	34	32	32	25	14	16	22	34	30	23	35	37	28	32	32	39	23	22.1
BELVIDERE	MAX	43	34	29	24	32	40	37	31	31	36	33	29	33	33	33	37	34	29	26	34	36	44	42	38	36	40	42	39	41	42	42	36.6
	MIN	30	21	15	9	11	15	27	20	11	6	29	12	8	19	33	29	28	18	11	15	26	33	31	24	29	35	33	34	34	28	33	22.7
BOONTON 2 SE	MAX	45	44	30	28	21	32	39	34	39	39	37	37	32	38	37	36	33	33	28	25	38	53	52	42	36	49	41	39	38	48	41	36.3
	MIN	22	23	17	10	19	13	18	26	6	2	6	13	3	7	32	30	28	29	11	19	21	28	32	22	25	33	35	35	36	30	25	20.3
BRIDGETON 1 NE	MAX																																
	MIN																																
BURLINGTON	MAX	46	40	32	27	34	45	35	33	38	37	40	36	30	42	48	38	36	34	34	40	40	38	45	40	42	42	46	42	43	45	47	39.9
	MIN	36	24	18	12	11	15	27	25	13	5	17	15	19	28	32	30	32	21	14	16	25	38	34	26	33	38	33	34	32	33	27	24.3
CAMDEN BROOK	MAX	40	44	29	29	22	31	42	34	31	31	38	37	31	36	38	37	32	33	23	26	40	35	34	42	41	41	42	41	39	42	42	37.1
	MIN	22	22	14	10	8	9	19	20	- 4	- 6	1	13	- 2	3	32	30	28	21	12	14	20	29	32	21	25	34	31	34	34	28	23	18.8
CAPE MAY 3 W	MAX	31	43	31	30	32	42	30	33	30	38	42	36		39	40	39	37	37	32	38	44	50	40	44	49	41	42	48		42	44	40.2
	MIN	42	29	26	17	22	27	30	29	19	26	33	20	13		37	32	35	28	22	25	39	36	35	28	33	38	35	34		34	34	29.2
CHARLOTTEBURG	MAX	44	43	28	27	20	32	42	34	27	28	34	35	33	38	34	35	30	31	20	32	34	50	31	40	33	38	39	34	37	44	40	34.8
	MIN	17	19	13	0	6	7	17	23	10	19	14	9	- 2	- 1	31	27	25	18	8	8	15	27	29	21	22	32	33	33	33	29	29	18.2
CHATSWORTH 3 S	MAX	51	39	30	24	34	42	36	32	32	49	41	33	41	40	45	37	30	33	30	40	41	55	45	35	46	44	46	44	44	42	46	39.7
	MIN	39	23	13	12	9	13	27	25	8	2	24	19	4	19	36	30	39	25	14	12	25	36	32	23	34	36	28	31	29	29	26	22.7
CLAYTON	MAX	48	43	29	25	32	41	38	33	28	34	40	39	37	45	45	39	36	35	32	36	42	55	44	38	41	46	45	41	42	41	43	38.8
	MIN	36	24	17	12	12	10	29	23	11	9	22	12	6	31	33	30	31	25	14	18	25	35	33	24	34	33	30	33	32	32	25	24.1
ELIZABETH	MAX	48	39	32	28	33	41	35	34	33	37	39	32	36	36	49	37	35	30	28	40	40	56	45	39	46	43	44	41	46	46	44	38.9
	MIN	38	23	16	11	10	13	26	26	11	6	19	13	9	24	36	31	28	19	13	16	25	36	31	25	34	39	35	36	33	31	27	23.8
ESSEX FELLS SERV BLDG	MAX	44	44	30	28	22	34	39	34	51	28	35	34	28	34	34	35	36	33	22	28	38	30	50	40	40	40	38	43	41	44	42	38.0
	MIN	25	22	18	10	8	10	16	28	8	11	14	19	12	16	39	30	26	20	10	18	24	39	28	20	29	29	29	34	34	34	28	21.1
FLEMINGTON 1 NE	MAX	43	36	29	24	35	43	37	32	30	38	37	32	33	37	39	34	35	30	28	38	36	55	43	38	39	41	45	39	44	43	43	37.5
	MIN	36	22	11	8	8	12	19	21	0	- 1	11	13	1	18	35	29	29	18	11	15	18	36	28	18	31	36	32	34	33	31	22	20.7
FREEHOLD	MAX	38	38	39	24	32	43	35	31	29	37	38	36	38	39	39	35	35	30	28	39	42	56	43	36	40	41	42	49	44	43	44	37.7
	MIN	38	22	17	10	18	16	29	23	6	19	21	8	11	25	35	39	27	20	13	16	23	38	31	24	32	38	31	34	31	29	27	23.4
HAMMONTON 2 NNE	MAX	53	44	32	30	24	34	42	35	33	28	38	40	32	48	48	38	35	36	29	28	41	58	52	44	46	41	42	40	47	46	46	39.5
	MIN		26	18	14	13	13	17	23	13	8	8	12	6	11	39	36	32	29	17	15	19	32	34	33	26	28	38	30	33	31	31	22.6
HIGH POINT PARK	MAX	41	37	22	29	12	29	36	28	20	23	38	38	34	42	31	31	24	37	14	19	27	44	44	32	34	36	38	31	31	35	32	39.0
	MIN	32	14	9	0	9	9	16	17	5	6	12	2	4	18	26	23	29	15	- 2	2	9	25	24	18	19	20	29	29	29	25	25	15.6
HIGHTSTOWN 1 N	MAX	48	38	39	26	33	42	37	32	30	35	38	30	33	37	29	34	33	31	29	40	38	56	43	38	40	41	43	40	43	43	44	37.7
	MIN	38	23	17	11	12	17	28	24	5	5	20	12	3	24	34	31	29	20	14	16	24	37	32	25	32	37	31	33	31	29	27	23.3
INDIAN MILLS 2 W	MAX	48	35	29	23	32	43	35	32	29	40	48	32	39	44	49	35	35	32	27	40	42	57	44	30	45	49	44	40	43	43	46	38.4
	MIN	35	21	9	11	8	10	28	22	8	- 2	19	10	- 1	28	35	30	39	22	14	15	20	36	33	22	33	37	39	30	29	29	22	21.7
JERSEY CITY	MAX	47	39	39	29	33	40	35	31	39	35	38	26	25	38	38	32	35	25	25	34	43	57	43	35	46	40	40	38	43	42	42	36.4
	MIN	30	23	19	11	14	20	28	17	13	17	19	13	19	29	32	27	26	14	13	16	31	38	30	25	30	37	36	35	35	33	31	24.7
LAMBERTVILLE	MAX	45	36	30	25	34	43	36	33	32	38	38	33	37	37	49	37	35	33	28	40	37	35	43	38	40	40	43	40	43	43	45	38.0
	MIN	35	23	18	11	12	14	26	24	7	0	11	14	7	25	36	39	31	20	14	12	22	37	33	22	32	36	32	35	33	29	25	23.9
LAURELTON 1 E	MAX	31	33	32	25	33	46	37	33	32	41	41	33	38	42	40	34	38	28	30	43	49	59	47	41	42	41	43	41	47	44	47	39.8
	MIN	29	19	13	19	8	12	39	13	8	1	18	3	- 1	28	33	29	27	16	14	17	17	37	26	21	38	36	39	33	29	26	23	20.7
LAYTON 3 NW	MAX	42	34	28	21	28	49	33	30	30	49	35	25	28	33	49	35	30	26	24	37	35	49	41	32	36	40	49	40	40	40	40	34.6
	MIN	33	18	12	5	1	16	22	20	19	- 2	17	8	- 2	12	29	28	18	13	9	13	21	31	30	15	29	35	32	33	36	25	31	19.9
LEESBURG STATE FARM	MAX	45	45	38	32	32	49	40	31	39	49	40	38	36	51	50	39	37	34	29	38	43	59	44	44	43	42	44	42	43	42	44	40.5
	MIN																						34	30	23	33	35	29	28	39	29	23	
LITTLE FALLS 1 E	MAX	48	46	32	31	24	36	42	34	36	36	40	39	38	39	49	38	33	36	26	29	41	56	56	46	37	42	42	43	41	47	45	39.3
	MIN	28	23	17	10	11	18	22	26	9	4	14	12	7	14	32	30	28	23	13	16	22	30	32	23	28	34	34	35	36	32	29	22.3
LONG BRANCH	MAX	51	30	29	22	31	45	36	33	33	40	37	28	39	42	49	33	33	27	28	40	46	59	44	49	42	42	42	40	44	44	45	38.2
	MIN	39	23	19	13	14	18	31	20	14	11	20	14	13	32	33	30	28	16	15	18	25	38	39	27	36	38	35	35	34	30	28	24.8
LONG VALLEY	MAX	42	33	30	29	30	49	35	32	35	36	39	32	38	36	37	37	33	29	26	36	35	51	41	39	38	40	41	42	43	44	45	38.3
	MIN	34	20	19	8	19	12	22	23	12	2	12	19	2	15	38	29	25	18	11	13	21	34	29	21	30	35	32	34	31	28	28	20.8
MILLVILLE	MAX	59	45	32	31	24	34	43	37	37	29	41	41	32		51	40	36	35	32	29	43	57	52	43	48	49	42	46	41	44	46	40.2
	MIN	29	25	16	13	14	10	23	27	13	10	12	15	10		36	32	32	27	14	18	22	32	33	27	30	36	31	32	32	32	26	23.8
MOORESTOWN	MAX	45	31	30	28	33	43	36	32	30	38	39	35	38	39	40	34	36	30	30	40	48	58	44	41	43	42	46	41	43	42	44	38.9
	MIN	29	24	19	12	16	18	26	18	11	11	22	15	9	32	35	31	39	19	15	20	26	38	31	25	38	36	32	34	33	29	29	24.6
MORRIS PLAINS	MAX	43	38	29	25	33	42	38	33	32	37	37	34	36	34	37	34	33	30	26	38	34	53	42	39	37	41	49	39	42	42	42	36.8
	MIN	30	29	16	9	8	8	23	24	10	4	17	11	4	18	33	29	27	17	19	14	22	32	39	23	30	37	35	34	34	30	23	21.6
NEWARK WB AIRPORT	MAX	48	32	39	23	34	43	37	34	32	37	37	31	38	40	39	35	35	29	27	38	44	55	44	37	42	42	42	41	48	44	48	38.0
	MIN	31	23	19	12	15	18	39	19	15	14	19	15	17	29	34	30	28	15	14	18	28	40	32	27	34	38	37	36	35	32	30	25.3
NEW BRUNSWICK EXP STA	MAX	48	40	29	26	33	42	38	32	31	35	38	34	36	35	38	36	34	32	28	38	37	56	44	44	38	42	42	40	43	42	43	37.9
	MIN	38	23	17	11	13	16	26	25	9	6	18	13	6	24	34	30	28	20	14	15	24	36	32	25	32	38	34	35	33	30	26	23.6
NEWTON	MAX	45	42	28	27	19	30	39	32	28	29	36	33	28	35	34	35	30	31	20	23	33	49	43	39	34	37	39	37	36	40	38	33.5
	MIN	17	20	15	7	0	19	18	23	11	9	2	9	0	2	20	28	27	19	9	9	13	23	39	19	22	27	33	34	35	28	25	17.6
PATERSON	MAX	47	45	30	31	23	38	43	36	33	32	49	39	39	38	39	39	30	33	27	26	38	52	55	44	39	42	48	42	49	47	44	38.5
	MIN	20	21	15	8	11	17	19	26	19	11	10	11	12	29		28	26	29	9	10	17	20	31	23	24	33	34	34	34	39	28	20.7
PEMBERTON 3 E	MAX	50	40	31	20	34	44	35	33	32	39	40	34	38	43	41	36	30	33	29	40	41	57	46	38	43	41	44	42	45	44	46	39.3
	MIN	37	23	17	11	8	12	29	23	4	1	9	8	1	27	35	30	29	23	9	17	21	38	33	23	33	38	30	31	39	30	23	22.0
PHILLIPSBURG	MAX	46	42	39	28	34	43	44	34	32	40	38	37	35	39	39	39	36	34	29	36	30	48	43	42	49	40	44	41	48	42	43	38.6
	MIN	37	22	17	10	13	17	27	25	11	9	24	13	0	23	34	29	30	22	12	17	24	33	32	25	31	35	33	36	34	31	29	24.0
PLAINFIELD	MAX	45	32	31	28	36	43	33	34	37	39	49	34	38	36	38	34	39	28	31	40	42	55	46	38	49	43	42	40	45	45	48	38.4
	MIN	33	23	15	11	10	13	25	28	7	4	17	13	7	22	35	31	29	22	13	10	23	33	31	23	32	39	34	34	30	39	24	23.0
PLEASANTVILLE 1 N	MAX	31	47	34	31	22	38	42	39	31	28	38	41	31	42	47	38	38		29	30	40	52	35	45	47	47	41	47	41	43	44	39.9
	MIN	27	22	14	12	11	12	29	24	11	2	8	10	1	7	37	33	28	26	15				24	24	24	26	23	23	23	23	22	19.8

See reference notes following Station Index.

DAILY TEMPERATURES

Station		Day Of Month																													Average
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
RIDGEFIELD	MAX	49	31	31	23	34	40	35	33	30	39	38	29	35	40	40	35	35	26	27	37	45	53	43	36	41	41	41	40	48	45		37.3
	MIN	29	19	16	11	12	17	29	15	11	8	17	12	11	30	34	30	29	13	12	15	26	37	32	25	35	38	36	35	35	33	29	23.6
RUNYON	MAX	39	36	32	25	33	44	39	29	32	38	40	39	36	37	40	33	36	32	33	40	41	52	50	44	39	41	44	44	47	45	45	38.9
	MIN	26	22	13	10	5	8	26	20	- 4	- 8	7	9	- 5	17	33	31	26	20	14	13	23	24	31	20	19	37	24	31	28	30	20	18.4
SANDY HOOK L8STA	MAX																																
	MIN																																
SOMERVILLE	MAX	44	34	29	23	33	42	35	32	35	38	38	30	34	38	38	35	36	30	28	38	37	59	43	35	40	42	42	39	43	42	43	37.3
	MIN	34	22	16	11	7	14	27	23	5	0	12	13	3	20	35	31	29	19	13	14	22	36	26	22	32	38	34	35	33	29	24	21.9
SUSSEX 3 N	MAX	45	43	29	27	19	31	30	32	25	28	36	35	24	34	33	35	30	31	20	22	35	40	42	33	32	39	40	38	37	40	38	33.3
	MIN	19	18	10	5	4	8	12	22	2	1	5	6	2	2	22	25	23	16	6	5	9	17	28	16	15	22	30	32	32	25	22	14.9
TRENTON 2	MAX									32	36	40	30	34	38	39	35	36	30	28	39	48	55	43	35	40	41	45	40	45	44	45	39.0
	MIN										13	23	13	10	29	34	30	28	15	14	17	27	37	30	25	34	35	31	34	33	30	29	26.0
TRENTON WB CITY	MAX	48	30	29	22	33	42	35	30	31	35	38	30	33	40	40	35	35	31	27	40	54	57	44	39	41	41	44	40	42	43	45	37.9
	MIN	29	22	19	12	16	20	29	16	14	15	19	16	15	31	34	31	31	17	16	19	29	38	32	28	36	37	34	36	34	32	32	25.5
TUCKERTON	MAX	52	39	30	24	34	42	40	32	30	40	42	35	38	46	45	36	37	34	30	44	42	54	45	42	47	43	46	42	46	45	41	40.1
	MIN	36	22	15	8	8	11	29	23	7	- 2	18	6	- 3	26	35	31	29	21	12	15	18	35	32	21	35	39	30	29	30	29	23	21.5

DAILY SOIL TEMPERATURES

Station And Depth		Day of month																													Average
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
NEW BRUNSWICK EXP STATION																																	
MEASURED UNDER SOD																																	
1 INCH	MAX	42	36	32	31	32	32	31	31	31	31	31	32	31	31	32	33	33	31	30	31	31	33	37	32	36	37	38	38	39	41	40	33.7
	MIN	35	31	31	30	29	29	30	28	26	30	31	31	30	30	31	31	31	30	29	29	30	31	31	31	32	36	35	34	32	33	33	31.0
2 INCHES	MAX	42	36	33	32	31	31	31	31	31	31	32	32	31	31	32	33	33	32	31	31	31	32	35	32	35	37	38	37	38	39	38	38.5
	MIN	36	33	32	31	31	30	30	30	27	31	31	31	31	31	31	31	32	31	30	30	30	31	31	31	32	36	35	35	33	34	34	31.6
4 INCHES	MAX	41	36	33	32	32	32	31	32	32	32	32	32	31	32	32	33	33	32	31	31	31	32	35	32	35	37	38	37	38	39	38	33.6
	MIN	37	33	32	32	31	31	30	30	28	31	31	31	31	31	32	31	32	31	30	30	30	31	32	32	32	36	35	35	34	34	34	31.9
8 INCHES	MAX	41	40	36	35	34	39	33	33	33	33	33	34	33	33	33	34	34	34	33	33	33	33	34	33	35	36	37	37	37	37	37	34.6
	MIN	40	36	35	34	33	33	33	32	33	33	33	33	33	32	33	33	32	32	30	32	32	32	32	33	33	35	36	36	36	36	36	33.6
16 INCHES	MAX	42	41	40	38	37	37	36	36	36	36	36	36	35	35	35	35	35	35	35	35	35	35	35	35	35	36	37	37	37	37	37	36.4
	MIN	41	39	38	37	36	36	36	33	35	35	35	35	34	34	34	35	35	35	34	34	34	34	34	34	35	35	36	37	37	37	37	35.6
32 INCHES	MAX	44	44	43	42	42	41	40	40	39	39	39	39	39	39	39	39	38	38	37	37	37	38	37	37	37	37	38	38	38	38	38	39.1
	MIN	43	43	42	41	41	40	40	39	38	39	38	38	38	38	38	38	38	37	37	37	37	37	37	37	37	37	37	37	38	38	38	38.5

Measured under Kentucky Bluegrass.

SUPPLEMENTAL DATA

Station	Wind direction		Wind speed m. p. h				Relative humidity averages percent				Number of days with precipitation							Percent of possible sunshine	Average sky cover sunrise to sunset
	Prevailing	Percent of time from prevailing	Average	Fastest mile	Direction of fastest mile	Date of fastest mile	1:00 a EST	7:00 a EST	1:00 p EST	7:00 p EST	Trace	01–09	10–49	50–99	1.00–1.99	2.00 and over	Total		
ATLANTIC CITY WB CITY	-	-	16.5	80	E	25	-	-	-	-	3	6	2	0	3	0	13	52	5.5
LONG BRANCH	NW	23	18.4	66	NE	25+	-	74	66Ø	63	4	3	2	2	2	0	13	52	6.4
NEWARK WB AIRPORT	WNW	19	11.6	36++	NE	14	69	71	58	63	5	2	4	4	0	0	15	-	6.1
TRENTON WB CITY	-	-	10.8	48	N	25	-	-	-	-	2	5	4	0	2	0	13	59	5.9
Ø 12:00 Noon																			

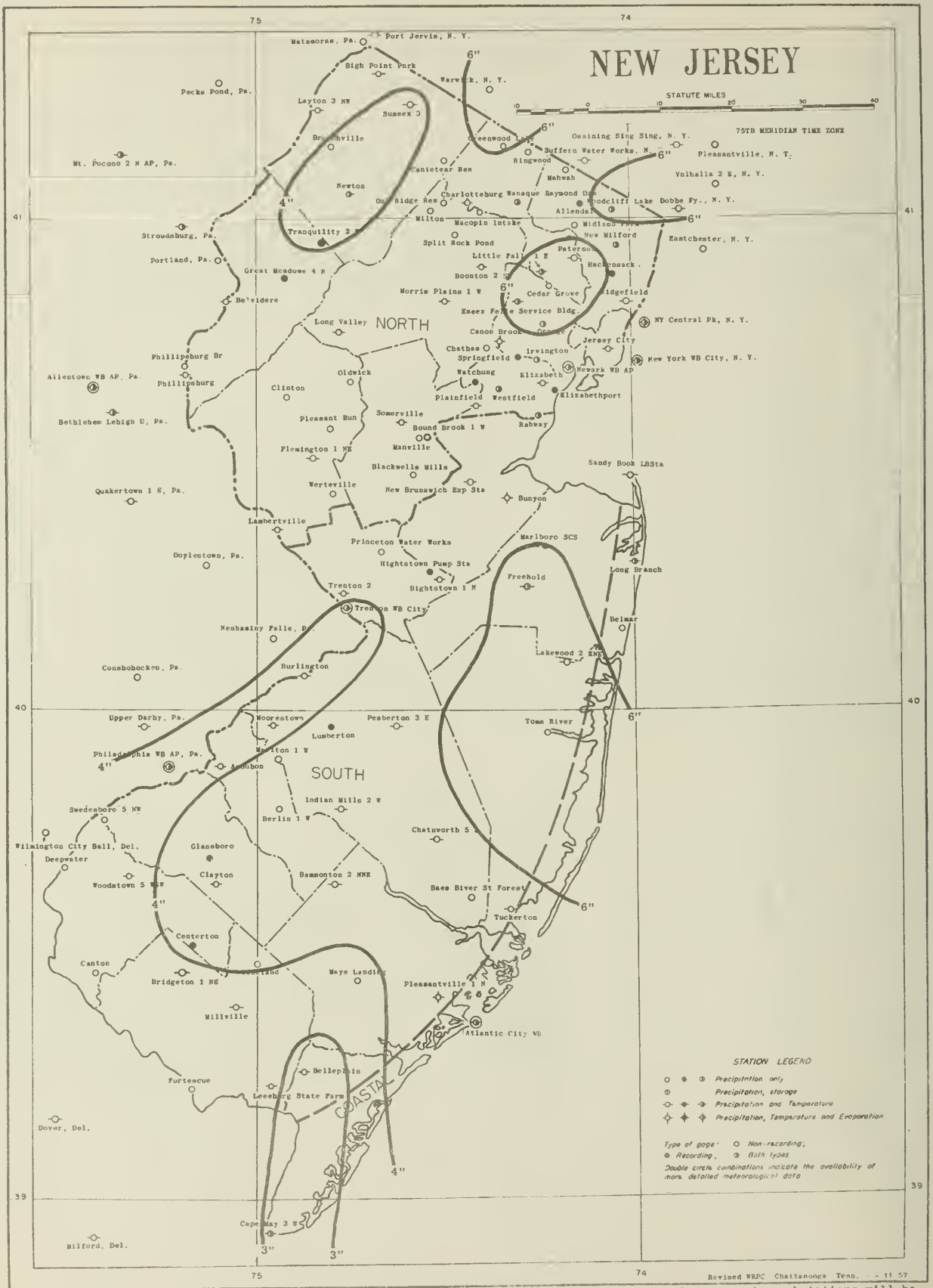
See reference notes following Station Index.

SNOWFALL AND SNOW ON GROUND

Station		Day of month																												
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
ATLANTIC CITY WB	SNOWFALL							11.3								.1	.3	T	1.0						T						T	
	SN ON GND								11	9	8	8	5	4	4	T	T		T	T												
BASS RIVER ST FOREST	SNOWFALL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	SN ON GND	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BELVIDERE	SNOWFALL							.5	.5								1.5	T	T													.5
	SN ON GND							-	-								-															
CHARLOTTEBURG	SNOWFALL								3.3							.5	1.5									.5			T			T
	SN ON GND								3	3	3	2	2	2	2	2	3	3	3	2	2	2	1			T			T			T
CLAYTON	SNOWFALL							4.0	.5								T	T	T										T			T
	SN ON GND							4	5	4	3	3	2	T			T															
FLEMINGTON 1 NE	SNOWFALL							1.5	2.0			T					1.5		.8							1.5						.5
	SN ON GND							2	4	4	3	3	3	3	1	T	1	T	T	T	T					T						T
FREEHOLD	SNOWFALL							2.0	5.0								1.8															T
	SN ON GND							2	5	5	4	3	3	3			2	1														
HIGHTSTOWN 1 N	SNOWFALL							1.0	3.7								.5		T												T	T
	SN ON GND							1	4	4	4	3	3	3	T		T															
INDIAN MILLS 2 W	SNOWFALL							3.4	1.5								.3	T	T													
	SN ON GND							3	4	4	3	2	2	2					T													
LAMBERTVILLE	SNOWFALL							1.0	1.5								1.0															T
	SN ON GND							1	3	2	2	2	1	1	T		T															
LAURELTON 1 E	SNOWFALL							8.0								T			T													T
	SN ON GND							8	8	8	7	5	5	4	T																	
LAYTON 3 NW	SNOWFALL							.2	2.0								.7									3.0						.5
	SN ON GND								2	2	2	2	2	2	1	1	1	T								2	2	1	1	1		T
LITTLE FALLS 1 E	SNOWFALL								3.8								1.3	.8								.5						.2
	SN ON GND								4	3	3	3	3	2	2	T	1	2	1	1	T	T				1						T
LONG BRANCH	SNOWFALL							8.0	T								.5		T													T
	SN ON GND							8	8	8	8	7	7	6	T	T	T															
LONG VALLEY	SNOWFALL								3.0								2.0															
	SN ON GND								-	-							-	-														
MAYS LANDING	SNOWFALL							3.0	4.0										1.0	.5												
	SN ON GND							-	-	-	-	-	-						-	-	-											
MILLVILLE	SNOWFALL		T					-									T													T	
	SN ON GND							-																								
MOORESTOWN	SNOWFALL								4.0								T		T	T											T	
	SN ON GND								4	3	3	2	2	1	T		T		T	T												
MORRIS PLAINS	SNOWFALL		T					.1	4.9			T					1.0	T	T			T							T	T		T	.1
	SN ON GND		-					-	-	-	-	-					-															
NEWARK WB AIRPORT	SNOWFALL							4.2	T			T			T		2.0		T			T				T						.1
	SN ON GND								4	4	3	3	2	2	2	T	T	2	1	T	T					T						T
	WTR EQUIV								.4	.4	.3	.3	.2	.2	.2			.2														
NEW BRUNSWICK EXP STA	SNOWFALL							4.0									1.0															T
	SN ON GND							4	3	3	2	2	2	1	1		1															
NEWTON	SNOWFALL								2.0								2.0									-						1.0
	SN ON GND								2	2	1	1	1	1	1	1	3	2	2	2	1	1				1						1
PATERSON	SNOWFALL			T					3.5								1.0	1.0		T												T
	SN ON GND								4	-							1	2														
PEMBERTON 3 E	SNOWFALL							1.5	4.5								.5		.5													
	SN ON GND							2	6	5	5	4	4	4			T		T													
PHILLIPSBURG	SNOWFALL							T	1.3			T					.5		T			T				.7			T			1.0
	SN ON GND							T	1	1	1	T	T	T												1			T			
PLAINFIELD	SNOWFALL							4.0				T					2.0		T													.5
	SN ON GND							4	4	3	3	3	2	2	1		2															1
RAHWAY	SNOWFALL							4.8	T							T	1.7		T													T
	SN ON GND							5	5	3	3	2	2	2	T	T	2	1	1	T												
RIDGEFIELD	SNOWFALL		T					3.0	.5								5.0		T													.3
	SN ON GND							3	4	4	3	2	2	1	1		5	4	3	3	3	T										
SOMERVILLE	SNOWFALL							.8	2.5								1.0															.5
	SN ON GND							1	3								T															
TRENTON WB CITY	SNOWFALL							3.1	T								.1	T	.2													.1
	SN ON GND								3	2	1	1	1	1			T		T													T
WANAQUE RAYMOND DAM	SNOWFALL								2.8								.5									.5						
	SN ON GND								3	3	3	2	2	2	2		1	1	1	1						1						

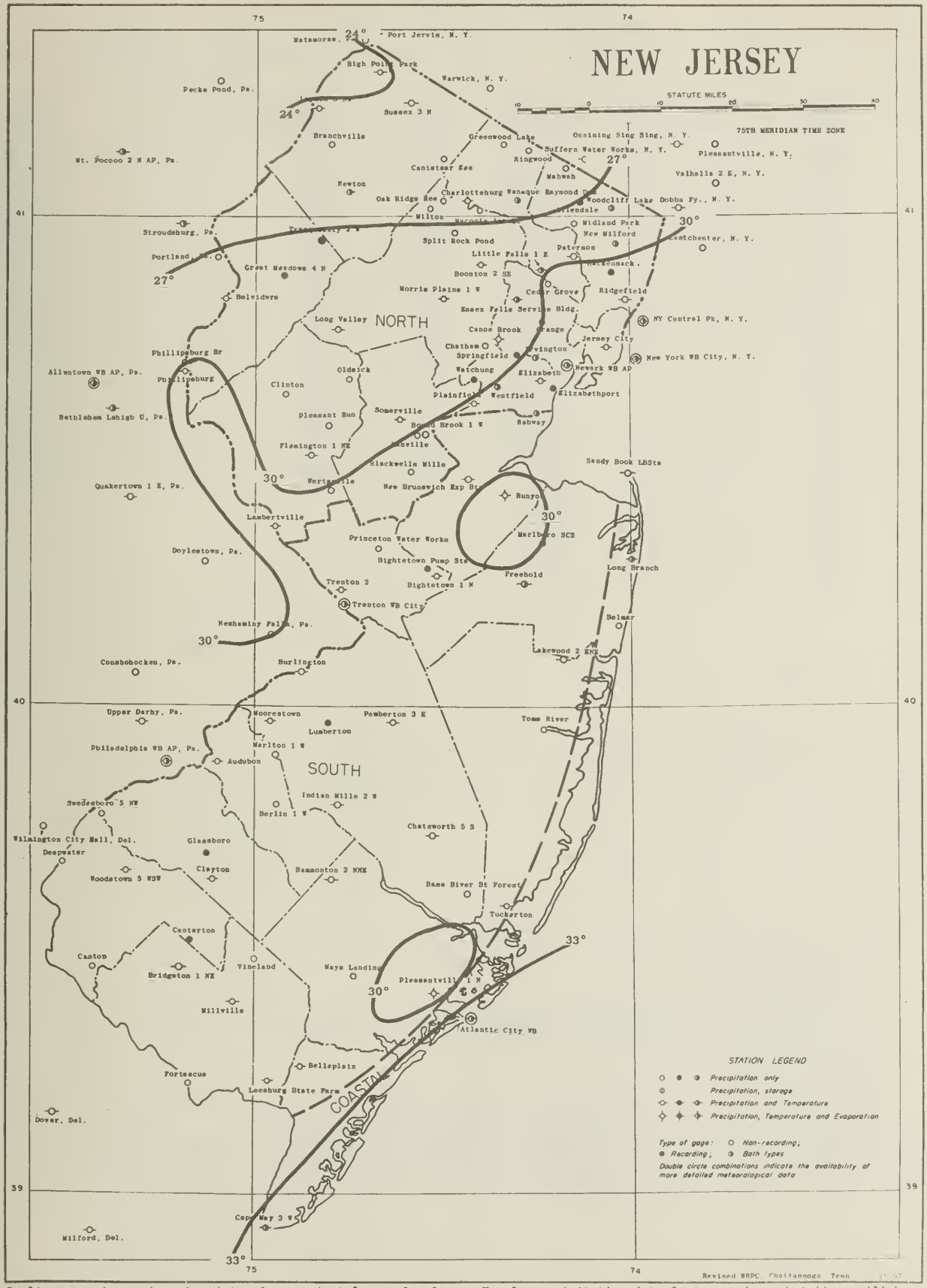
See reference notes following Station Index.

TOTAL PRECIPITATION



Isolines are drawn through points of approximately equal values. Hourly precipitation data from recorder substations will be available in the publication "Hourly Precipitation Data".

AVERAGE TEMPERATURE



Isolines are drawn through points of approximately equal values. Hourly precipitation data from recorder substations will be available in the publication "Hourly Precipitation Data".

STATION INDEX

STATION	INDEX NO.	COUNTY	DRAINAGE ‡	LATITUDE	LONGITUDE	ELEVATION	OBSERVATION TIME AND TABLES: TEMP.	PRECIP.	EVAP.	SPECIAL (SEE NOTES)	OBSERVER
ALLENDALE	0100	BERGEN	8	41 02	74 08	270				C	BERGEN COUNTY ENGS
ATLANTIC CITY WB	0325	ATLANTIC	1	39 22	74 29	8	MID	MID		C HJ	U. S. WEATHER BUREAU
AUDUBON	0340	CAMDEN	2	39 54	75 04	50	11P	11P			IRVIN J. NYGREN
BASS RIVER ST FOREST	0528	BURLINGTON	1	39 37	74 26	20		6P		H	N.Y. FORESTRY SVC
BELLEPLAIN	0699	CAPE MAY	1	39 16	74 52	49	5P	5P			NRS. ED C. HOFFMAM
BELMAR	0721	MONMOUTH	1	40 10	74 02	19		MID			CITY WATER DEPT
BELVIDERE	0729	WARREN	2	40 50	75 05	289	5P	5P		H	NISS C. S. MIXSON
BERLIN 1 W	0787	CAMDEN	7	39 48	74 57	150		7A			SAMUEL M. MC CULLEY
BLACKWELLS MILLS	0647	SOMERSET	10	40 29	74 35	70		7A			NENRY M. MILLER
BOONTON 2 SE	0907	MORRIS	8	40 54	74 24	280	8A	8A			JERSEY CITY WTR WKS
BOUND BROOK 1 W	0927	SOMERSET	10	40 33	74 33	20		8A			AMERICAN CYANAMID CO
BRANCHVILLE	0978	SUSSEX	2	41 09	74 47	570		7A			ALBERT M. DAVENPORT
BRIDGETON 1 NE	1028	CUMBERLAND	2	39 28	75 12	114	9A	9A			RADIO STATION WSNJ
BURLINGTON	1211	BURLINGTON	2	40 04	74 53	12	8P	8P			PUBLIC SVC E + G CO
CANISTEAR RESERVOIR	1327	SUSSEX	8	41 07	74 30	1040		8A			NEWARK WATER DEPT
CANOE BROOK	1335	ESSEX	8	40 45	74 21	180	9A	9A	9A		COMMONWEALTH WTR CO
CANTON	1343	SALEM	2	39 28	75 25	29		9A			GERTRUDE S. WILLIS
CAPE MAY 3 W	1351	CAPE MAY	1	38 56	74 57	17	5P	5P		C	NAVEST MAGNESITE CO
CEDAR GROVE	1472	ESSEX	8	40 52	74 13	400		8A			J. A. PLUNKETT
CENTERTON	1512	SALEM	6	39 31	75 10	80				C	JOHN NOPKINS UNI.
CHARLOTTEBURG	1582	PASSAIC	8	41 03	74 26	760	7A	7A		H	NEWARK WATER DEPT
CHATHAM	1590	MORRIS	8	40 44	74 23	185		8A			EDWARD P. NOLITOR
CHATSWORTH 5 S	1598	BURLINGTON	1	39 44	74 32	90	5P	5P			WILLIAM S. NAINES
CLAYTON	1700	GLOUCESTER	6	39 39	75 08	120	6P	8P		H	HARRY A. CAMPBELL
CLINTON	1740	HUNTERDON	10	40 38	74 55	300		6P			L. W. KLOCKNER
DEEPWATER	2209	SALEM	2	39 41	75 30	12		MID			DU PONT DE NEMOURS
ELIZABETH	2644	UNION	1	40 40	74 14	33	5P	5P			UNION CO PARK COMM
ELIZABETHPORT	2652	UNION	8	40 39	74 12	30		MID		C	SEWAGE TREATMENT PL
ESSEX FELLS SERV BLDG	2768	ESSEX	8	40 50	74 18	250	8A	8A		C	BOROUGH ESSEX FELLS
FLEMINGTON 1 NE	3029	HUNTERDON	10	40 31	74 51	134	5P	5P		H	DONALD YOUNG
FORTESCUE	3102	CUMBERLAND	2	39 14	75 10	5		7A			JOHN LOPER
FREEHOLD	3181	MONMOUTH	10	40 15	74 17	194	6P	6P		C H	FRANK J. MOREAU
GLASSBORO	3291	GLOUCESTER	2	39 42	75 07	150				C	PROF. J. B. SANGREE
GREAT MEADOWS 4 N	3416	WARREN	2	40 56	74 55	540				C	GAMMA CHEMICAL CORP.
GREENWOOD LAKE	3516	PASSAIC	8	41 99	74 20	660		7A			GEORGE T. WIGGINS
HACKENSACK	3572	BERGEN	4	40 53	74 03	10				C	BERGEN COUNTY ENGS
HAMMONTON 2 NNE	3662	ATLANTIC	7	39 39	74 48	85	8A	8A			W. HUBBARD PARKHURST
HIGH POINT PARK	3935	SUSSEX	2	41 18	74 40	1600	8A	8A			N. J. DEPT. OF CONS.
HIGHTSTOWN 1 N	3951	MERCER	10	40 16	74 31	100	8P	8P		H	JAMES R. PICKERING
HIGHTSTOWN PUMPING STA	3956	NERCER	10	40 17	74 32	75				C	DEPT WATER + SEWAGE
INDIAN MILLS 2 W	4228	BURLINGTON	7	39 48	74 47	100	7P	7P		H	EDWARD ENTWISTLE
IRVINGTON	4260	ESSEX	1	40 43	74 15	120		NID		C	JOINT MEETING GARAGE
JERSEY CITY	4339	HUDSON	1	40 44	74 04	135	MID	MID			JERSEY CITY WTR DEPT
LAMBERTVILLE	4635	HUNTERDON	2	40 22	74 57	75	8P	6P		H	E. E. CASE
LAURELTON 1 E	4700	OCEAN	1	40 04	74 07	20	8P	6P		C H	GEORGE D. WADDILL
LAYTON 3 NW	4735	SUSSEX	2	41 15	74 51	480	8P	6P		H	A. M. DEPUE
LEESBURG STATE FARM	4762	CUMBERLAND	6	39 14	74 58	10	4P	4P			LEESBURG STATE FARM
LITTLE FALLS 1 E	4887	PASSAIC	8	40 53	74 14	157	9A	9A		C H	PASSAIC VLY WTR COMM
LONG BRANCH	4987	MONMOUTH	1	40 18	73 59	34	MID	MID		C HJ	STORM WARN. DSPL STA
LONG VALLEY	5003	MORRIS	10	40 48	74 46	660	6P	6P		H	ARTHUR BARKMAN
LUMBERTON	5055	BURLINGTON	2	39 58	74 40	25				C	JAMES LAWTON
NACOPIN INTAKE	5071	PASSAIC	8	41 01	74 24	584		9A			NEWARK WATER DEPT
NAHWAH	5104	BERGEN	8	41 06	74 10	253		7A			ROBERT G. GLASGOW
NANVILLE	5197	SOMERSET	10	40 33	74 34	59		MID			JOHN J. RADCLIFFE
NARLBORO SCS	5244	MONMOUTH	1	40 20	74 14	120				C	GEROW BRILL

STATION	INDEX NO.	COUNTY	DRAINAGE ‡	LATITUDE	LONGITUDE	ELEVATION	OBSERVATION TIME AND TABLES: TEMP.	PRECIP.	EVAP.	SPECIAL (SEE NOTES)	OBSERVER
MARLTON 1 W	5252	BURLINGTON	2	39 54	74 57	90		6P			DAVID GRISCON
MAYS LANDING	5346	ATLANTIC	3	39 27	74 44	59		5P		N	ELMER EARLE
MIDLAND PARK	5503	BERGEN	1	40 59	74 09	210		8A			RIDGEWOOD WATER CO.
MILLVILLE	5576	CUMBERLAND	8	39 24	75 03	60	8A	8A		C H	L. J. GALLAHER
MILTON	5597	MORRIS	8	41 01	74 32	950		7A			JERSEY CITY WTR WKS
MOORESTOWN	5728	BURLINGTON	2	39 58	74 58	55	MID	8A		H	N. J. WILLARD
MORRIS PLAINS	5769	MORRIS	8	40 50	74 30	500	4P	4P		H	JAMES C. LONG
NEWARK WB AIRPORT	6026	ESSEX	1	40 42	74 10	11	MID	MID		C HJ	U. S. WEATHER BUREAU
NEW BRUNSWICK EXP STA	6062	MIDDLESEX	10	40 28	74 26	80	5P	5P		GH	ARTHUR M. AHLQUIST
NEW MILFORD	6146	BERGEN	4	40 57	74 02	12		NID		C	NACKENSACK WATER CO
NEWTON	6177	SUSSEX	2	41 03	74 45	365	8A	8A		C H	NEWTON WTR SWR COMM
OAK RIDGE RESERVOIR	6460	PASSAIC	8	41 02	74 30	870		8A			NEWARK WATER DEPT
OLDWICK	6544	HUNTERDON	10	40 40	74 45	260		8A			DAN A. COUGHLIN
ORANGE	6560	ESSEX	8	40 47	74 14	140		MID		C	COUNTY ENGINEER
PATERSON	6775	PASSAIC	8	40 55	74 09	100	8A	8A		H	P. J. DEL VECCHIO
PEMBERTON 3 E	6843	BURLINGTON	2	39 58	74 38	60	5P	5P		H	CHARLES A. ODENHLERT
PHILLIPSBURG	6974	WARREN	2	40 41	75 12	182	3P	3P		H	SEWAGE DISPOSAL PLT
PHILLIPSBURG BRIDGE	6979	WARREN	2	40 42	75 12	190		9A			JOINT TOLL BRDGE COM
PLAINFIELD	7076	UNION	10	40 36	74 25	120	8P	8P		H	MRS VIVIAN SCHERER
PLEASANT RUN	7123	HUNTERDON	10	40 34	74 48	140		7A			JOHN M. BERRYMAN
PLEASANTVILLE 1 N	7131	ATLANTIC	1	39 25	74 31	8	8A	8A	8A		ATLANTIC CITY WTR WK
PRINCETON WATER WORKS	7328	MERCER	10	40 19	74 40	90		MID			PRINCETON WATER CO
RAMWAY	7393	UNION	9	40 36	74 15	20		MID		C H	RAMWAY VLY SWG AUTH
RIDGEFIELD	7543	BERGEN	4	40 50	74 01	80	MID	MID		H	GEORGE P. KIRSTEN
RINGWOOD	7587	PASSAIC	8	41 08	74 16	305		10A			ND JERSEY WTR SUPPLY
RUNYON	7825	MIDDLESEX	1	40 26	74 20	18	6P	6P	6P		N.J. WATER COMM
SANDY HOOK L8STA	7869	MONMOUTH	1	40 28	74 01	22	7P	7P			U. S. COAST GUARD
SOMERVILLE	8194	SOMERSET	10	40 34	74 37	75	6P	6P		H	W. E. HAVER
SPLIT ROCK POND	8402	MORRIS	8	40 58	74 28	800		10A			JERSEY CITY D P W
SPRINGFIELD	8423	UNION	1	40 43	74 18	-				C	N.J. DEPT OF CONS
SUSSEX 3 N	8644	SUSSEX	5	41 14	74 35	530	7A	7A			BRICE B. STANTON
SWEDESBORO 5 NW	8685	GLOUCESTER	2	39 47	75 24	10		12N			SUM OIL CO
TOMS RIVER	8818	OCEAN	1	39 57	74 16	10		5P			ROBERT F. SNYDER
TRANQUILITY 2 W	8858	WARREN	2	40 57	74 50	551				C	M. J. ERVEY
TRENTON 2	8878	MERCER	2	40 14	74 40	105	MID	MID			E. M. RISTOW
TRENTON WB CITY	8883	MERCER	2	40 13	74 46	56	MID	MID		C HJ	U. S. WEATHER BUREAU
TUCKERTON	8899	OCEAN	1	39 36	74 20	10	6P	6P			REV EDWARD D. MEGILL
VINELAND	9135	CUMBERLAND	6	39 29	75 00	110		8A			STATE HOME FOR WOMEN
WANAQUE RAYMOND DAM	9187	PASSAIC	8	41 03	74 18	320		8A		C H	WATER SUPPLY COMM
WATCHUNG	9271	UNION	8	40 40	74 25	-				C	BONNIE BURM SAN.
WERTSVILLE	9363	HUNTERDON	10	40 27	74 48	160		7A			ROBERT M. MANMERS
WESTFIELD	9455	UNION	9	40 39	74 21	138		5P		C	CITY ENGINEER
WOODCLIFF LAKE	9832	BERGEN	4	41 01	74 03	103		MID		C	NACKENSACK WATER CO
WOODSTOWN 5 WSW	9910	SALEM	2	39 38	75 25	30	7A				INACTIVE 10/57

‡ 1-COASTAL; 2-DELAWARE; 3-GREAT EGG HARBOR; 4-HACKENSACK; 5-HUDSON; 6-MAURICE; 7-MULLICA; 8-PASSAIC; 9-RAHWAY; 10-RARITAN; 11-ROCKAWAY

REFERENCE NOTES

Additional information regarding the climate of New Jersey may be obtained hy writing to the State Climatologist at Weather Bureau Office, c/o General Delivery, Trenton, New Jersey or to any Weather Bureau Office near you.

Figures and letters following the station name, such as 12 SSW, indicate distance in miles and direction from the post office.

Delayed data and corrections will be carried only in the June and December issues of this bulletin.

Monthly and seasonal snowfall and heating degrees for the preceding 12 months will be carried in the June issue of this bulletin.

Stations appearing in the Index, but for which data are not listed in the tables, either are missing or were received too late to be included in this issue.

Divisions, as used in "Climatological Data" Table and on the maps, became effective with data for September 1956.

Unless otherwise indicated, dimensional units used in this bulletin are: Temperature in °F, precipitation and evaporation in inches and wind movement in miles. Monthly degree day totals are the sums of the negative departures of average daily temperatures from 65° F

Evaporation is measured in the standard Weather Bureau type pan of 4 foot diameter unless otherwise shown by footnote following the "Evaporation and Wind" Table. Max and Min in "Evaporation and Wind" Table refer to extremes of temperature of water in pan as recorded during 24 hours ending at time of observation.

Long-term means for full-time stations (those shown in the Station Index as "U. S. Weather Bureau") are based on the period 1921-1950, adjusted to represent observations taken at the present location. Long-term means for all stations except full-time Weather Bureau stations are based on the period 1931-1955.

Water equivalent values published in the "Snowfall and Snow on Ground" Table are the water equivalent of snow, sleet, or ice on the ground. Samples for obtaining measurements are taken from different points for successive observations; consequently occasional drifting and other causes of local variability in the snowpack may result in apparent inconsistencies in the record.

Entries of snowfall in the "Climatological Data" Table and the "Snowfall and Snow on Ground" Table, and in the seasonal snowfall table include snow and sleet. Entries of snow on ground include snow, sleet and ice.

Data in the "Daily Precipitation" Table; "Daily Temperature" Table; and "Evaporation and Wind" Table, and snowfall in the "Snowfall and Snow on Ground" Table, when published, are for the 24 hours ending at time of observation. The Station Index shows observation times in local standard time. During the summer months some observers take the observations on daylight saving time.

Snow on ground in the "Snowfall and Snow on Ground" Table is at observation time for all except Weather Bureau and CAA stations. For these stations snow on ground values are at 7:00 a.m., E.S.T.

No record in the "Climatological Data" Table and the "Daily Temperature" Table is indicated by no entry.

Interpolated values for monthly precipitation totals may be found in the annual issue of this publication.

- No record in the "Daily Precipitation" Table; "Evaporation and Wind" Table; "Snowfall and Snow on Ground" Table; and the Station Index.
+ And also on an earlier date or dates.
++ Fastest observed one minute wind speed. This station is not equipped with automatic wind instruments.
* Amount included in following measurement, time distribution unknown.
Thermometers are generally exposed in a shelter located a few feet above sod-covered ground; however, the reference indicates that the thermometers are exposed in a shelter located on the roof of a building.
// Gage is equipped with a windshield.
AR This entry in time of observation column in Station Index means after rain.
AM Data based on observational day ending before noon.
B Adjusted to a full month.
D Water equivalent of snowfall wholly or partly estimated, using a ratio of 1 inch water equivalent to every 10 inches of new snowfall.
M One or more days of record missing; if average value is entered, less than 10 days record is missing. See "Daily Temperature" Table for detailed daily record. Degree day data, if carried for this station, have been adjusted to represent the value for a full month.
R Amounts from recording gage. (These amounts are essentially accurate but may vary slightly from the amounts to be published later in Hourly Precipitation Data.)
SS This entry in time of observation column in Station Index means observation made near sunset.
T Trace, an amount too small to measure.
V Includes total for previous month.
X Observation time is 1:00 a.m., of the following day.
VAR This entry in time of observation column in Station Index means variable.

In the Station Index the letters C, G, H, and J in the "Special" column under the heading "Observation Time and Tables", indicate the following

C Weighing Rain Gage Recording Station. Hourly precipitation values are processed for special purposes, and are published later in "Hourly Precipitation Data" Bulletin.
G "Soil Temperature" Table.
H "Snowfall and Snow on Ground" Table. Omission of data in any month indicates no snowfall and/or snow on ground in that month.
J "Supplemental Data" Table.

Information concerning the history of changes in locations, elevations, exposure etc. of substations through 1955 may be found in the publication "Substation History" for this state. That publication may be obtained from the Superintendent of Documents, Government Printing Office, Washington 25, D. C. for 15 cents. Similar information for regular Weather Bureau stations may be found in the latest annual issue of Local Climatological Data for the respective stations, obtained as indicated above, price 15 cents.

Subscription Price: 20 cents per copy, monthly and annual; $2.50 per year. (Yearly subscription includes the Annual Summary). Checks, and money orders should be made payable to the Superintendent of Documents. Remittance and correspondence regarding subscriptions should be sent to the Superintendent of Documents, Government Printing Office, Washington 25, D. C.

USCOMM-WB-Asheville, N. C. --- 3/13/58 --- 750

51.05
NNJ
op. 1

U. S. DEPARTMENT OF COMMERCE
SINCLAIR WEEKS, Secretary
WEATHER BUREAU
F. W. REICHELDERFER, Chief

CLIMATOLOGICAL DATA

NEW JERSEY

FEBRUARY 1958
Volume LXIII No. 2



APR 25 1958
UNIVERSITY OF ILLINOIS

ASHEVILLE: 1958

NEW JERSEY - FEBRUARY 1958

TEMPERATURE AND PRECIPITATION EXTREMES

Highest Temperature: 60° on the 28th at Belleplain

Lowest Temperature: -17° on the 11th at Layton 3 NW

Greatest Total Precipitation: 8.22 inches at Mays Landing

Least Total Precipitation: 2.44 inches at Sussex 3 N

Greatest One-Day Precipitation: 3.10 inches on the 28th at Greenwood Lake

Greatest Reported Total Snowfall: 27.0 inches at Charlotteburg and Macopin Intake

Greatest Reported Depth of Snow on Ground: 26 inches on the 20+ at 3 Stations.

SEVERE WEATHER

Very heavy snow, excessive precipitation, low temperatures, and strong winds combined to produce wintry weather of considerable severity in New Jersey during February.

Division averages indicated snowfall as more than three times the 25-year (1931-1955) mean in the Southern Division and well above twice this comparative value in the Northern and Coastal Divisions. Storms of the 1st, 7th, 15-16th, and 27th-28th brought winds of 40 mph or higher to the southeast coast and 30 mph or higher to other areas. Heavy snow with the general storm of the 15th-16th sharply curtailed the operation of travel and transportation facilities. Temperatures ten to twenty degrees below the seasonal average the 9th through the 19th imposed sever demands on heating systems and fuel supplies. Wet soil, snow-melt, and heavy rains the 27th-28th combined to produce moderate flooding along most streams in the central and northern counties on the 28th.

Donald V. Dunlap, State Climatologist
U. S. Weather Bureau
Trenton, New Jersey

CLIMATOLOGICAL DATA

Station		Temperature													Precipitation									
											No. of Days								Snow, Sleet			No. of Days		
											Max		Min											
		Average Maximum	Average Minimum	Average	Departure From Long Term Means	Highest	Date	Lowest	Date	Degree Days	90° or Above	32° or Below	32° or Below	0° or Below	Total	Departure From Long Term Means	Greatest Day	Date	Total	Max. Depth on Ground	Date	10 or More	50 or More	1.00 or More
NORTHERN																								
BELVIDERE		33.5	17.3	25.4	- 5.8	53	24	- 3	11	1102	0	12	24	3	4.79	1.76	1.70	16	22.1			5	4	2
BOONTON 2 SE	AM	31.9	17.2	24.6	- 4.7	50	25	0	18	1125	0	15	27	1	3.72	1.15	1.71	28				4	3	1
CANOE BROOK	AM	32.5	17.4	25.0	- 4.3	53	25	1	11	1116	0	13	27	0	3.54	.72	1.46	28	17.1	15	17	6	3	1
CHARLOTTEBURG	AM	30.6	13.1	21.9	- 7.3	50	25	-11	12+	1199	0	15	26	7	5.34	2.32	2.75	28	27.0	24	19+	6	3	2
ELIZABETH		35.6	19.6	27.6	- 5.6	51	25+	3	18	1040	0	11	26	0	5.67	2.61	1.78	28	14.2	12	17+			
ESSEX FELLS SERV BLDG	AM	32.9M	16.6M	24.8M		48	26+	- 2	19+	1126	0	15	28	2	4.54		2.00	28				4	3	2
FLEMINGTON 1 NE		34.0	18.2	26.1	- 6.2	55	25	3	18	1082	0	11	28	0	4.08	1.45	1.74	28	22.6	20	19+	5	3	1
HIGH PDINT PARK		26.8M	12.6M	19.7M		49	25	- 7	19+	1253	0	17	27	0	3.69		1.68	28						1
JERSEY CITY		31.9	21.0	26.5	- 6.2	48	25+	3	18	1073	0	15	24	0	5.21	2.45	1.62	27				5	5	3
LAMBERTVILLE		34.6	20.6	27.6	- 4.7	52	24	5	18+	1041	0	11	25	0	3.64	1.05	1.47	28	9.5	8	18+	5	4	1
LAYTON 3 NW		31.4	13.2	22.3	- 5.4	50	24	-17	11	1190	0	16	24	5	4.44	2.16	1.52	28	26.4	26	20+	6	3	2
LITTLE FALLS 1 E	AM	34.7	18.5	26.6	- 4.9	54	25	1	18	1070	0	11	27	0	4.43	1.50	2.06	28	13.7	13	20+	5	3	1
LONG VALLEY		33.2	17.5	25.4		52	24	- 2	11	1104	0	12	27	2	D 4.23	1.37	1.80	16	21.0			5	4	1
MORRIS PLAINS		33.7M	17.1M	25.4M		52	25	2	17+	1088	0	14	29	1	4.14		1.97	28	17.8			5	2	1
NEWARK WB AIRPORT	R	34.1	21.4	27.8	- 3.9	50	25+	3	18	1036	0	12	23	0	4.36	1.26	1.11	28	16.3	13	17	5	4	2
NEWTON	AM	30.6	13.5	22.1	- 6.0	52	25	-13	12+	1196	0	17	28	5	3.42	.91	1.31	28	15.0	14	20+	6	3	2
PATERSON	AM	33.6M	17.2M	25.4M	- 6.6	54	25	- 1	18	1110	0	13	28	2	D 3.57	.67	1.75	28	18.1	16	17+	4	2	2
PHILLIPSBURG		35.4	20.6	28.0	- 2.9	53	24	3	18+	1031	0	11	24	0	4.27	1.27	1.50	28	18.0	14	19+	6	4	2
PLAINFIELD		34.6	19.9	27.3	- 5.1	52	24	3	18	1052	0	13	27	0	5.19	2.35	1.98	28	14.2	12	18+	4	4	3
RIDGEFIELD		34.0	20.5	27.3	- 4.0	52	24	2	18	1049	0	12	24	0	4.29	1.40	1.12	16	15.5	14	18+	5	4	3
SOMERVILLE		33.5	19.0	26.3	- 5.6	51	24	3	18+	1078	0	11	26	0	3.99	1.35	1.31	28	12.0	9	18+	5	4	1
SUSSEX 3 N	AM	30.1	10.8	20.5	- 8.6	50	25	-10	11	1241	0	16	27	7	2.44	- .30	1.38	28		26	20+	3	1	1
DIVISION				25.2	- 5.6										4.23	1.43			17.7					
SOUTHERN																								
AUDUBON		35.6	21.1	28.4		54	24	3	18	1019	0	10	24	0	4.83		1.35	27	22.0	16	16	6	4	1
BELLEPLAIN		38.3	19.3	28.8		60	28	0	11	1009	0	10	25	1	D 5.19	2.19	1.75	28	13.5			8	4	2
BRIDGETON 1 NE	AM																							
BURLINGTON		36.7	22.1	29.4	- 5.4	54	24	5	17	990	0	8	23	0	2.94	.20	1.10	27		8	17+	5	2	1
CHATSWORTH 5 S		36.1	19.3	27.7		58	28	5	17	1038	0	11	25	0	4.75		1.48	28	18.0	11	19+	6	4	3
CLAYTON		35.5	20.5	28.0		56	28	3	17	1026	0	10	25	0	6.19		1.50	7	22.5	15	16	6	5	4
FREEHOLD		34.0	19.4	26.7	- 6.1	53	24	1	17	1064	0	13	24	0	4.18	1.23	1.33	28	12.9	10	19+			1
HAMMONTON 2 NNE	AM	35.1	18.7	26.9	- 7.5	58	25	5	18	1061	0	10	26	0	6.75	3.69	1.74	17				7	6	2
HIGHTSTOWN 1 N		34.0	20.2	27.1	- 5.6	52	24	4	18+	1052	0	13	25	0	4.46	1.87	1.61	28	17.7	14	19+	6	4	2
INDIAN MILLS 2 W		35.1	19.2	27.2	- 6.6	54	28+	2	11	1052	0	11	25	0	6.16	3.24	1.45	27	22.5	13	16	6	5	3
LAURELTON 1 E		34.7	18.0	26.4	- 7.0	51	25+	3	11	1074	0	10	26	0	6.13	3.03	1.84	27	24.9	17	17+	5	5	3
LEESBURG STATE FARM		36.0	18.5	27.3		55	28	2	11	1052	0	12	25	0	4.95		1.21	28				6	5	2
MILLVILLE		36.3M	21.5M	28.9M		54	25	6	17	1005	0	10	26	0			1.22	27						2
MOORESTOWN		33.4M	22.1M	27.8M	- 5.4	53	24			992	0	11	25	0	3.95	1.38	1.73	28	20.0	16	19+			1
NEW BRUNSWICK EXP STA		34.5	20.5	27.5	- 5.1	50	24	3	18	1042	0	12	25	0	D 4.10	1.50	1.62	28	11.9	9	18+	6	3	1
PEMBERTON 3 E		35.6	18.7	27.2	- 7.0	53	24	3	11	1053	0	11	26	0	5.81	3.19	1.85	16	19.8	14	19+	6	5	2
PLEASANTVILLE 1 N	AM	34.7	17.9	26.3	- 7.4	52	26	3	11	1076	0	12	27	0	5.85	2.60	1.80	28		10	2	7	5	2
RUNYON		36.0	18.4	27.2	- 3.7	54	24	- 1	11	1052	0	12	25	1	5.22	2.35	1.70	16				6	4	2
TRENTON 2		34.4	20.5	27.5		52	24	5	17	1045	0	12	25	0	5.65	2.79	1.48	27	20.0	16	16	6	5	3
TRENTON WB CITY	R	33.9	22.4	28.2	- 4.5	53	24	5	17	1024	0	12	23	0	4.91	2.25	1.52	27	16.2	13	17+	7	6	1
TUCKERTON		36.1	19.0	27.6		59	28	4	11	1041	0	10	25	0	4.57		1.60	27+				5	3	3
DIVISION				27.6	- 6.1										5.08	2.29			18.6					
COASTAL																								
ATLANTIC CITY WB	R	35.8	23.	29.8	- 5.6	53	28+	7	17	981	0	10	21	0	6.86	3.62	1.53	27	13.3	7	2	7	5	2
CAPE MAY 3 W		37.8M	24.0M	30.9M		54	25	8	17	953	0	8	28	0										
LONG BRANCH		33.0	21.5	27.3	- 5.6	50	25	4	18	1049	0	12	23	0	4.86	1.49	1.66	27	16.9	13	19+	6	4	2
SANDY HOOK LBSTA		36.8	22.0	29.4	- 3.6	58	25	0	17	992	0	11	26	1	4.68	2.18	2.00	28				4	3	2
DIVISION				29.4	- 4.7										5.47	2.51			15.1					

See Reference Notes Following Station Index

DAILY PRECIPITATION

Station		Total	Day of month																													
			1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
ATLANTIC CITY WB	R	8.66	1.45		T	.04	T		.92					T			1.81	.76	T		T			T				.10	1.53	.85			
AUDUBON		4.85	.49		T	T			.94								.95	.48	T										1.35	.85			
BASS RIVER ST FOREST	D	8.97	*	*	0.00				2.22								*	.20										.11	1.09	1.45			
BELLEPLAIN	D	9.19	0.85				0.10		.90	.14							0.10	.30											1.08	1.75			
BELMAR		-	-						1.22									-										T	-	-			
BELVIDERE		4.70	.01			T		T	.81	.60	T						.02	1.70	T	T									.40	1.45			
BERLIN 1 W		-	-	-					T	1.20								.70											T	2.00			
BLACKWELLS MILLS		5.65	.05	.05					.25	.T7	.12							.30											.61	1.74			
BOONTON 2 SE		5.72	T			T			.08	.64								.66	.09	.02	T								.32	1.71			
BOUND BROOK 1 W		5.78	.01					T	.19	.T2								.22		.02									.62	2.00			
BRANCHVILLE		4.28	T						*	.T8								1.60											.16	1.55			
BRIDGETON 1 NE			RECORD MISSING																														
BURLINGTON		2.94	.58						.T8								T	.47			T								1.10	.25			
CANISTEAR RESERVOIR		4.85	T						.15	.87								.64	.26										.26	2.45			
CANOE BROOK		5.54	.01			T			.25	.78								.50	.14	.01	T								.42	1.46			
CANTON		4.50		.48			T		.48	.45				T				1.50			T								.82	.85			
CAPE MAY 5 W		-	*	1.52					*	.48							-	-			-			.01					1.12	.84			
CEDAR GROVE		4.06							.1T	.64									.82										.50	2.13			
CHARLOTTEBURG		5.54	T						.21	.68								1.00	.10										.40	2.75			
CHATHAM		4.02	.02			T	T		*	1.06								1.00	.11										.41	1.40			
CHATSWORTH 5 S		4.75	.29		T		T		.74				T		.10			1.01	T	T	T			T			T		1.15	1.48			
CLAYTON		8.19	.84	T	T	.02	.05		1.88	T				T	.20			1.25	T		T								1.15	1.20			
CLINTON		4.32	.08						.50	.42					T			1.10	T										.80	1.64			
DEEPWATER		3.18	.10						.79						.24			.05										.10	1.59	.06			
ELIZABETH		5.87	.05			.01		.01	.65	.35				.01			*	1.30	.05	.25	.25			T					.78	1.78			
ELIZABETHPORT		4.45	.08		T				.08					T			.40	.15	T									.01	1.51	1.34			
ESSEX FELLS SERV BLDG		4.54								.72								1.42												.40	2.00			
FLEMINGTON 1 NE		4.08	.01	T		.01	T	T	.66	.40	T			T	T	T	.05	.38	.03	.05	.02									.88	1.74			
FORTESCUE		5.32	.10	.17					.12	.80								.45												.37	1.35			
FREEHOLD		4.16	.53			T			.70	.09				T			*	.95	T	T	T								.78	1.35			
GREENWOOD LAKE		5.64	T			T			.12	.60								.99	.49										.14	5.10			
HAMMONTON 2 NNE		6.75		.52	.03	.09			.21	.84								.75	1.74	.03									.01	1.85			
HIGH POINT PARK		5.69							.04	.68								*	.95										.17	1.88			
HIGHTSTOWN 1 N		4.48	.18			T			.52	.25				T			.05	1.27	T	T									.80	1.81			
INDIAN MILLS 2 W		6.18	.66	T	T	.04	T		.95	T				T			.50	1.42	T		T			T					1.45	1.52			
IRVINGTON		4.31	.05						1.02	.01				T			.28	.41	.02	.01								.03	1.19	1.29			
JERSEY CITY		5.21	T		T	T			1.01	T	T			T			.T0	.50		.04	T			T				T	1.82	1.25			
LAMBERTVILLE		3.84	.08	T					.77	.21							.05	.50			T								.50	1.4T			
LAURELTON 1 E		8.15	.83		T	T			1.58	T				T				1.50	T	T				T				T	1.84	.71			
LAYTON 3 NW		4.44				T			.48	.51							.62	1.16											.38	1.52			
LEESBURG STATE FARM		4.98	1.10		T	T			.60	.53							.01	.88			T								.64	1.21			
LITTLE FALLS 1 E		4.45	T			.01			.19	.77								.04	.06		.01								.30	2.06			
LONG BRANCH		4.86	.35		T	T		T	1.04	T				T			.32	.58	T	.01	T			T				.02	1.66	.90			
LONG VALLEY	D	4.23	0.10						.T5									.80											.85	.95			
MACOPIN INTAKE		-	-						.21	.T9								1.00	.04										.38	2.54			
MAHWAH		4.40	T			T			.09	.72								.54	.15		.03								.16	2.77			
MANVILLE		4.36	T		T			.02	1.95	.02							.20	.50	.20									.05	1.24	1.10			
MARLTON 1 W		5.26	.58		.02	.02			.68	.19				.01			.05	1.10											.06	1.49			
MAYS LANDING		8.22	1.75		T	.14			.73	.00				T			.50	1.20			.15								1.25	2.64			
MIOLANO PARK		5.77			T	T			.65	.02							.39	.50											1.15	.86			
MILLVILLE		-	.00		.02	.05			.95					.01			1.03	.14		-	-							.20	1.22	.95			
MILTON		4.79			.02				.40	.25	.10							.90	1.00										.28	1.8T			
MOORESTOWN		5.95	.09	.10			T		.09	.T5								*	.50										.80	1.75			
MORRIS PLAINS		4.14	.01	T	T	T		T	.42	.38	T			T			T	.82			.05								.49	1.8T			
NEWARK WB AIRPORT	R	4.36	.07		T	.02			.87	T	T			T			.59	1.00	T	.01	T			T				.01	.86	1.11			
NEW BRUNSWICK EXP STA	D	4.10	.10			T		T	.98	0.10		T		T			.02	.46	*	.86									.78	1.02			
NEW MILFORD		5.22							.80								.22	.42											.94	.84			
NEWTON		5.42	T						.15	.82								1.08	.10		T								.16	1.51			
OAK RIDGE RESERVOIR		4.70			T	.02			.22	.48								1.34	.31										.35	1.08			
OLDWICK		5.59	.08			T		T	.07	.70	T							.92	.00	.04									.50	1.52			
ORANGE		4.77	.01						.46	.8T								1.12	.04	.04									.5T	1.84			
PATERSON	D	5.57	T			T	T		0.05	0.10	T	T			T			1.35	.02		.05								.28	1.75			
PEMBERTON 5 E		5.81	.52						.60	.23							.04	1.05											.80	1.71			
PHILLIPSBURG		4.27	.12					T	.26	.59							T	1.26		T									.50	1.50			
PHILLIPSBURG BRIDGE		-	-	-					.57	.72								1.52											*	2.00			
PLAINFIELD		5.19	.04			T		T	1.02					T				1.21	.04		T								.90	1.98			
PLEASANT RUN		3.52			T		.15		T	.45								.46	.12	.06									.49	1.T0			
PLEASANTVILLE 1 N		5.85	.15	.90		.01		T	.17	.85								.74	.0T		.01								1.1T	1.80			
PRINCETON WATER WORKS		4.80	.23		T				.98								.30	.50	T		T							T	1.68	.01			
RAHWAY		5.81	.04		T	T			.98					T			.17	.15			T							T	1.28	1.21			
RIDGEFIELD		4.29	T		T	T			1.10	T	T			T			.28	1.12	T	T	T								.T5	1.06			
RINGWOOD		5.18							.12	.61								1.22	.08										.34	2.50			
RUNYON		5.22	.30						.87	.50								1.70		.05									.80	1.42			
SANDY HOOK LBSTA		4.68	.08						.82	.48																			1.30	2.00			
SOMERVILLE		5.90	.05						.70	.18							.08	.81	.00	.02	.02								.90	1.51			
SPLIT ROCK POND		4.10	.04						.21	.50								.71	.28										.34	2.15			
SUSSEX 3 N		2.44	T						.03	.48								.42	.06										.07	1.58			
SWEDESBORO 3 NW		5.55	.1T	T		T			.30	.63								.25											.85	1.07			
TOMS RIVER		5.08	.46						.96								.10	1.20											1.48	1.46			
TRENTON 2		5.85	.38	T	T	T			.05					T			.66	1.04	.01	T	.02								1.48	1.15			
TRENTON WB CITY	R	4.91	.58	T	T	T			.76					T			.65	.75	T		T							T	1.52	.83			
TUCKERTON		4.57	.10						1.80									.10											1.80	1.17			
VINELAND		4.98	.20	.58		.02			.18	.73								.97	.05		.03								.85	1.57			
WANAQUE RAYMOND DAM		5.15	T						.10	.74								1.07	.08										.28	2.80			
WERTSVILLE		3.05	.01						.24	.60								.25	.04	.01	T								.48	1.97			
WESTFIELD		4.54	.04						*	.95							*	1.03										.04	1.25	1.23			
WOODCLIFF LAKE		5.90							.80								.40	.52											1.14	1.04			

See Reference Notes Following Station Index

DAILY TEMPERATURES

Station		Day Of Month																													Average
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
ATLANTIC CITY WB	MAX	41	35	31	34	41	39	45	36	21	22	29	31	27	29	35	34	15	18	31	36	41	48	39	48	53	40	49	53				35.8
	MIN	27	28	23	24	27	34	35	20	15	14	12	24	18	15	24	15	7	10	15	22	21	33	24	32	38	33	37	38				23.0
AUDUBON	MAX	39	36	32	35	39	41	39	36	22	22	32	34	26	29	35	26	15	18	31	35	40	47	38	54	53	46	44	53				35.6
	MIN	28	29	23	23	25	32	33	14	11	12	10	16	15	14	18	9	5	3	12	22	22	32	23	24	33	28	35	39				21.1
BELLEPLAIN	MAX	48	32	32	36	42	43	42	42	28	23	35	32	31	30	35	34	23	18	32	33	42	48	43	55	54	50	48	60				38.3
	MIN	28	23	21	21	12	28	34	26	12	11	0	12	15	12	9	20	5	8	13	18	12	30	20	22	28	25	38	38				19.3
BELVIDERE	MAX	36	36	33	34	39	41	33	32	20	21	26	31	26	27	30	24	10	16	31	36	41	45	40	53	50	48	40	40				33.5
	MIN	26	29	22	20	21	31	29	19	10	6	-3	1	7	9	9	0	2	-1	12	19	11	31	16	33	33	25	32	36				17.3
BOONTON 2 SE	MAX	40	34	37	28	32	40	45	33	29	18	20	25	30	24	25	28	22	9	14	28	32	39	44	35	50	47	46	38				31.9
	MIN	25	29	22	19	22	27	27	22	11	9	4	5	10	11	10	16	3	0	1	13	18	23	19	21	26	26	30	33				17.2
BRIDGETON 1 NE	MAX																																
	MIN																																
BURLINGTON	MAX	43	37	32	35	39	42	38	36	23	23	32	34	28	28	34	34	18	19	34	34	38	47	47	54	53	50	42	53				36.7
	MIN	28	28	25	22	28	32	33	22	14	15	9	13	14	14	16	16	5	8	13	22	20	33	25	27	37	28	35	37				22.1
CANOE BROOK	MAX	42	34	37	28	33	40	45	35	28	19	20	28	31	24	25	28	20	8	15	28	33	41	44	38	53	47	47	38				32.5
	MIN	21	29	23	20	25	28	29	27	12	10	1	4	12	11	7	12	4	2	4	15	10	21	22	24	27	22	32	34				17.4
CAPE MAY 3 W	MAX		43	34	41		46		45	29	24	28	34	30	29	38	43	24		31	31	39	39	36	50	54	42	45	51				37.8
	MIN		29	28	27		31		25	11	12	12	24	19	19	16	21	8		17	27	26	32	26	26	36	32	37	35				24.0
CHARLOTTEBURG	MAX	40	33	33	25	30	40	40	33	27	18	19	24	30	21	21	25	15	8	12	24	30	41	45	41	50	45	47	40				30.6
	MIN	21	26	19	15	19	25	22	23	8	5	-11	-11	-7	7	0	8	0	-3	-2	11	17	18	18	19	31	24	30	34				13.1
CHATSWORTH 5 S	MAX	41	36	32	34	39	41	41	41	22	21	32	29	26	29	34	31	16	17	30	34	40	46	42	53	51	51	43	58				36.1
	MIN	26	22	20	21	23	30	34	24	6	10	6	14	10	11	15	16	5	6	12	18	15	30	20	20	27	24	35	39				19.3
CLAYTON	MAX	37	35	33	34	38	42	41	35	21	21	31	30	28	28	34	27	15	17	31	33	40	46	41	53	51	49	47	56				35.5
	MIN	26	26	24	22	21	30	32	20	13	12	6	15	12	15	19	12	3	7	14	20	16	30	20	22	34	29	36	39				20.5
ELIZABETH	MAX	40	40	33	35	42	46	36	35	26	23	30	31	30	28	31	28	15	14	31	35	41	47	41	51	51	48	47	43				35.6
	MIN	29	30	23	20	26	32	28	15	12	10	11	12	13	10	13	14	4	3	10	20	13	32	17	27	30	27	33	35				19.6
ESSEX FELLS SERV BLDG	MAX	42	34	38	27	32	40	44	33	32	21	22	26	30		28	26	24	12	14	27	30	38	44	44	48	48	47	36				32.9
	MIN	28	26	28	18	22	28	30	26	10	11	8	10	12		10	8	4	-2	-2	4	10	16	18	18	22	24	28	32				16.6
FLEMINGTON 1 ME	MAX	37	36	30	36	41	42	33	33	23	19	31	33	26	26	30	25	15	15	29	33	40	45	38	52	55	47	38	44				34.0
	MIN	25	29	22	22	26	30	27	22	10	9	4	4	10	5	9	14	4	3	12	20	11	29	18	29	29	24	32	30				18.2
FREEHOLD	MAX	40	36	30	34	40	41	37	36	21	22	30	28	27	25	30	28	13	15	28	32	40	47	39	53	49	46	39	46				34.0
	MIN	27	27	18	20	25	30	33	17	12	10	7	10	13	10	15	13	1	3	10	17	15	30	18	30	35	27	34	36				19.4
HAMMONTON 2 NNE	MAX	45	31	37	33	34	40	42	40	32	22	22	33	29	26	30	35	23	12	16	33	34	40	39	48	58	53	47	48				35.1
	MIN	28	30	23	21	22	22	24	33	18	14	12	8	11	16	13	15	6	5	6	8	12	16	19	21	26	30	28	36				18.7
HIGH POINT PARK	MAX	36	37	33	17	23	32	37	26	22	11	13	20	24	24	22		17	10	13		23	38		35	49	37	37	33				28.8
	MIN	18	19	13	14	22	23	23	16	2	2	-2	2	-1	2	2		-7		-7		14	15	12	14	36	24	27	31				12.6
HIGHTSTOWN 1 M	MAX	40	35	32	34	35	41	35	35	24	21	31	31	28	27	31	28	15	15	28	32	39	45	40	52	50	44	38	45				34.0
	MIN	27	24	23	21	26	31	30	24	13	11	7	11	13	11	16	15	4	4	11	19	14	31	20	27	36	27	34	36				20.2
INDIAN MILLS 2 W	MAX	35	35	30	34	38	41	40	36	20	20	32	30	26	28	34	31	17	17	30	33	40	47	39	54	51	45	45	54				35.1
	MIN	27	25	17	21	23	30	31	20	13	11	2	7	14	13	11	16	5	5	13	20	12	28	20	20	36	23	35	39				19.2
JERSEY CITY	MAX	34	38	28	32	41	40	36	30	20	20	28	28	24	27	28	22	10	14	28	32	39	44	33	48	48	44	35	41				31.9
	MIN	29	30	21	21	29	33	30	17	13	11	12	15	12	12	18	10	7	3	12	20	19	25	21	33	36	32	32	34				21.0
LAMBERTVILLE	MAX	38	36	31	35	39	43	36	34	23	20	32	33	27	26	31	27	16	18	31	34	40	46	41	52	50	46	40	44				34.6
	MIN	27	30	26	23	27	32	30	22	13	12	5	10	13	12	15	16	5	5	12	21	11	30	20	26	36	27	34	36				20.6
LAURELTON 1 E	MAX	34	39	33	32	39	40	39	33	21	23	33	31	27	29	33	28	11	17	30	35	42	47	40	51	51	43	41	49				34.7
	MIN	25	24	18	20	26	28	32	16	13	5	3	7	14	11	11	9	4	4	11	18	10	28	18	23	30	23	36	38				18.0
LAYTON 3 NW	MAX	37	35	30	30	40	43	30	30	22	20	25	30	24	22	23	18	10	10	23	30	44	42	40	50	46	45	40	40				31.4
	MIN	17	22	19	19	20	29	25	20	8	3	-17	-12	-6	5	-5	10	2	-10	8	16	5	33	9	33	34	19	30	33				13.2
LEESBURG STATE FARM	MAX	44	33	29	32	39	41	42	39	27	24	29	31	31	30	34	30	20	16	31	33	38	45	42	48	52	52	42	55				36.0
	MIN	28	29	23	21	18	26	30	13	7	10	2	13	11	10	9	15	3	6	11	18	16	29	20	20	35	24	35	35				18.5
LITTLE FALLS 1 E	MAX	45	35	39	30	34	43	44	35	30	21	23	30	33	26	28	30	18	11	20	33	37	43	46	44	54	50	46	41				34.7
	MIN	25	29	23	20	24	29	28	26	10	9	5	7	11	11	11	17	4	1	3	18	14	26	20	24	29	27	32	34				18.5
LONG BRANCH	MAX	35	36	30	35	39	43	37	33	20	20	30	28	24	24	30	27	10	15	28	33	39	45	38	48	50	43	38	47				33.0
	MIN	29	28	22	22	27	32	34	17	13	12	10	14	15	13	17	10	5	4	13	20	18	29	22	33	38	32	35	37				21.5
LONG VALLEY	MAX	36	36	30	33	40	43	35	33	23	20	26	30	25	26	28	24	15	16	28	34	40	45	38	52	48	46	39	40				33.2
	MIN	25	26	21	18	24	29	27	23	9	7	-2	2	8	7	8	14	2	0	10	18	18	28	22	25	29	25	32	35				17.5
MILLVILLE	MAX	48	34	35	32	37	40	42	42	34	24	24	33	31	26	30	36	25		20	32	33	41	38	40	54	53	47	50				36.3
	MIN	32	26	26	24	19	24	28	30	15	14	7	13	17	16	14	21	6		13	18	17	24	22	23	29	28	35	39				21.5
MOORESTOWN	MAX	36	35	29	34	39	40	38	35	22	21	31	31	25	27	35	26		17	29	33	41	46	38	53	51	46	44	51				33.4
	MIN	27	26	23	25	28	32	34	17	16	13	10	15	15	14	18	12	6		14	21	19	30	22	28	31	27	36	38				22.1
MORRIS PLAINS	MAX	41	37	32	33	39	45	41	38	23	19	27	32	28	24	27	25		13	28	26	32	40	34	47	52	47	45	38				33.7
	MIN	26	28	21	19	24	30	25	22	9	7	2	4	10	9	7		2	0	9	12	17	23	16	23	28	27	31	32				17.1
NEWARK WB AIRPORT	MAX	35	39	30	34	42	47	36	33	22	23	31	32	26	27	31	24	11	17	29	34	41	45	38	50	50	48	37	44				34.1
	MIN	29	30	22	21	29	33	32	17	13	11	11	17	14	13	18	11	5	3	12	22	20	26	22	31	35	34	33	36				21.4
NEW BRUNSWICK EXP STA	MAX	41	37	32	34	40	42	37	34	26	19	30	30	29	25	29	28	17	15	28	33	40	45	47	50	49	45	40	44				34.5
	MIN	27	28	24	21	27	32	30	24	12	12	8	11	12	12	15	16	4	3	11	20	17	31	19	30	33	28	33	35				20.5
NEWTON	MAX	41	32	35	25	31	39	42	31	26	17	20	24	29	21	22	24	18	6	12	28	32	42	43	38	52	46	42	39				30.6
	MIN	23	25	20	18	21	25	26	26	9	5	-13	-13	3	8	-1	10	2	-2	0	13	8	12	16	21	32	24	28	32				13.5
PATERSON	MAX	44	40	38	30	35	43	42		30	20	18	30	30	25	26	30	22	10	15	30	34	42	45	39	54	50	45	40				33.6
	MIN	26	28	21	18	22	26		24	8	8	7	9	10	9	10	19	4	-1	0	12	17	23	18	25	32	27	31	32				17.2
PEMBERTON 3 E	MAX	40	36	32	33	38	41	40	40	26	22	33	30	29	28	33	30	22	17	28	32	39	45	41	53	49	46	44	51				35.6
	MIN	28	19	19	21	20	31	30	25	9	12	3	9	14	13	13	6	4	6	12	17	10	30	19	21	37	25	32	38				18.7
PHILLIPSBURG	MAX	43	37	36	35	41	41	41	34	28	20	27	29	30	25	25	29	20	17	30	33	39	46	42	53	52	49	47	41				35.4
	MIN	27	29	27	21	26	31	32	24	10	9	3	8	10	10	10	19	4	3	13	21	19	34	26	31	35	27	33	36				20.6
PLAINFIELD	MAX	38	40	32	35	42	45	34	30	22	22	32	32	29	28	32	27	10	17	32	36	42	47	38	52	50	47	36	43				34.6
	MIN	27	28	23	20	26	32	28	28	12	10	6	10	13	10	12	18	4	3	11	21	13	31	20	27	30	27	32	35				19.9
PLEASANTVILLE 1 N	MAX	48	35	34	32	34	42	40	43	30	22	22	29	30	25	28	35	25	13	17	31	33	40	39	52	51	52	43	48				34.7
	MIN	32	23	20	21	19	24	31	30	13	10	3	5	10	12	13	20	5	4	6	8	7	19	20	22	27	25	32	40				17.9

See reference notes following Station Index.

CONTINUED

DAILY TEMPERATURES

Station		Day Of Month																												Average
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
RIDGEFIELD	MAX	41	39	30	33	43	43	34	31	23	24	30	30	27	27	31	23	13	16	33	34	42	45	35	52	49	47	36	41				34.0
	MIN	27	28	23	20	27	32	31	16	12	10	10	14	14	12	13	10	5	2	11	22	18	33	20	33	36	28	32	36				20.5
RUNYON	MAX	46	42	31	35	42	45	46	37	26	22	30	32	28	26	30	26	20	18	32	35	35	47	38	54	52	49	44	40				36.0
	MIN	24	28	22	20	26	29	26	26	12	10	- 1	2	8	11	18	18	5	4	10	15	11	30	17	23	33	22	33	34				18.4
SANDY HOOK L8STA	MAX	37	38	38	34	39	44	44	36	32	28	30	31	31	27	30	30	18	20	32	38	38	43	42	54	58	55	39	45				36.8
	MIN	28	30	25	18	23	32	32	28	18	12	12	17	14	13	19	12	0	8	13	20	26	30	22	30	43	30	24	36				22.0
SOMERVILLE	MAX	35	34	30	34	40	42	35	33	20	20	35	31	25	26	30	25	15	15	30	33	41	45	38	51	49	46	37	42				33.5
	MIN	28	24	24	21	25	31	29	20	12	10	3	8	12	11	10	15	4	3	11	19	14	32	12	26	32	27	33	36				19.0
SUSSEX 3 N	MAX	40	33	33	24	30	38	40	30	26	18	20	23	29	21	20	20	20	10	12	25	30	42	42	41	50	45	42	38				30.1
	MIN	18	22	17	14	15	23	23	22	5	2	-10	- 8	- 5	1	- 1	4	0	- 5	- 5	10	12	15	12	20	34	19	20	29				10.8
TRENTON 2	MAX	34	37	32	34	40	42	36	34	22	23	32	32	25	27	32	25	10	18	31	34	41	48	40	52	51	46	39	46				34.4
	MIN	27	26	21	21	26	32	32	17	12	11	9	14	13	12	18	10	5	6	11	20	17	29	20	27	37	30	34	37				20.5
TRENTON WB CITY	MAX	33	34	30	35	40	43	36	34	19	20	31	32	24	26	32	24	13	17	29	34	41	46	39	53	51	45	41	47				33.9
	MIN	28	30	23	23	28	34	32	17	14	12	12	19	14	14	21	13	5	6	14	23	20	28	22	30	38	33	35	38				22.4
TUCKERTON	MAX	40	36	30	34	40	40	42	42	24	23	31	30	28	29	34	34	18	17	30	33	40	47	41	47	52	47	43	59				36.1
	MIN	28	21	20	19	23	30	30	22	12	12	4	5	14	4	10	18	5	5	13	18	15	29	18	23	33	28	35	39				19.0

DAILY SOIL TEMPERATURES

Station And Depth		Day of month																												Average
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
NEW BRUNSWICK EXP STATION																																	
MEASURED UNDER SOD																																	
1 INCH	MAX	33	36	32	32	32	35	33	35	31	30	31	30	31	31	30	30	30	31	31	32	31	32	32	32	32	32	32	32				31.5
	MIN	33	32	31	31	31	31	31	30	28	27	27	27	26	24	27	27	30	30	30	31	30	30	31	31	31	31	31	31				30.3
2 INCHES	MAX	34	34	33	32	32	33	33	34	32	30	31	30	31	30	30	30	30	31	31	32	31	32	32	32	32	32	32	32				31.5
	MIN	33	32	32	31	31	32	32	31	30	29	29	29	27	26	28	28	30	30	30	31	31	30	31	31	31	31	31	31				30.5
4 INCHES	MAX	35	34	33	32	32	34	33	34	32	30	31	30	30	30	30	30	30	31	31	31	31	31	32	32	32	32	32	32				31.3
	MIN	34	32	32	31	32	32	32	32	30	30	30	30	28	27	29	30	30	30	31	31	30	31	31	31	31	31	31	31				30.5
8 INCHES	MAX	36	35	35	34	34	33	34	34	33	32	32	32	32	32	32	31	31	33	33	33	33	32	32	33	33	33	32	32				32.4
	MIN	35	34	34	33	33	33	33	33	32	32	32	32	30	31	31	30	30	31	32	32	32	31	31	31	32	32	32	32				31.4
16 INCHES	MAX	37	37	37	35	36	35	35	35	34	34	34	34	33	33	33	33	32	34	33	34	34	34	34	34	34	34	34	34				33.7
	MIN	36	36	35	35	35	34	34	34	33	33	33	33	32	32	32	32	31	32	33	33	33	33	33	33	33	33	33	33				32.7
32 INCHES	MAX	38	38	38	38	38	37	37	37	37	37	37	36	36	36	36	36	35	35	36	36	36	36	36	36	36	36	36	36				35.8
	MIN	38	38	37	37	37	37	36	37	36	36	36	36	35	34	35	35	34	35	35	36	35	35	35	35	35	35	35	35				35.0

Measured under Kentucky Bluegrass.

SUPPLEMENTAL DATA

Station	Wind direction		Wind speed m. p. h.				Relative humidity averages - percent				Number of days with precipitation							Percent of possible sunshine	Average sky cover sunrise to sunset
	Prevailing	Percent of time from prevailing	Average	Fastest mile	Direction of fastest mile	Date of fastest mile	1:00 a EST	7:00 a EST	1:00 p EST	7:00 p EST	Trace	.01-.09	.10-.49	.50-.99	1.00-1.99	2.00 and over	Total		
ATLANTIC CITY WB CITY	-	-	18.7	70	N	16	-	-	-	-	5	1	1	3	3	0	13	58	6.4
LONG BRANCH	NW	25	18.3	58	NE	27	-	68	58ø	62	6	2	2	2	2	0	14	52	6.4
NEWARK WB AIRPORT	WNW	27	12.9	35++	NNW	16	64	65	55	58	7	4	1	2	2	0	16	-	6.8
TRENTON WB CITY	-	-	12.9	32	NW	19+	-	-	-	-	7	0	1	4	1	0	13	60	6.3

ø 12:00 Noon

See reference notes following Station Index.

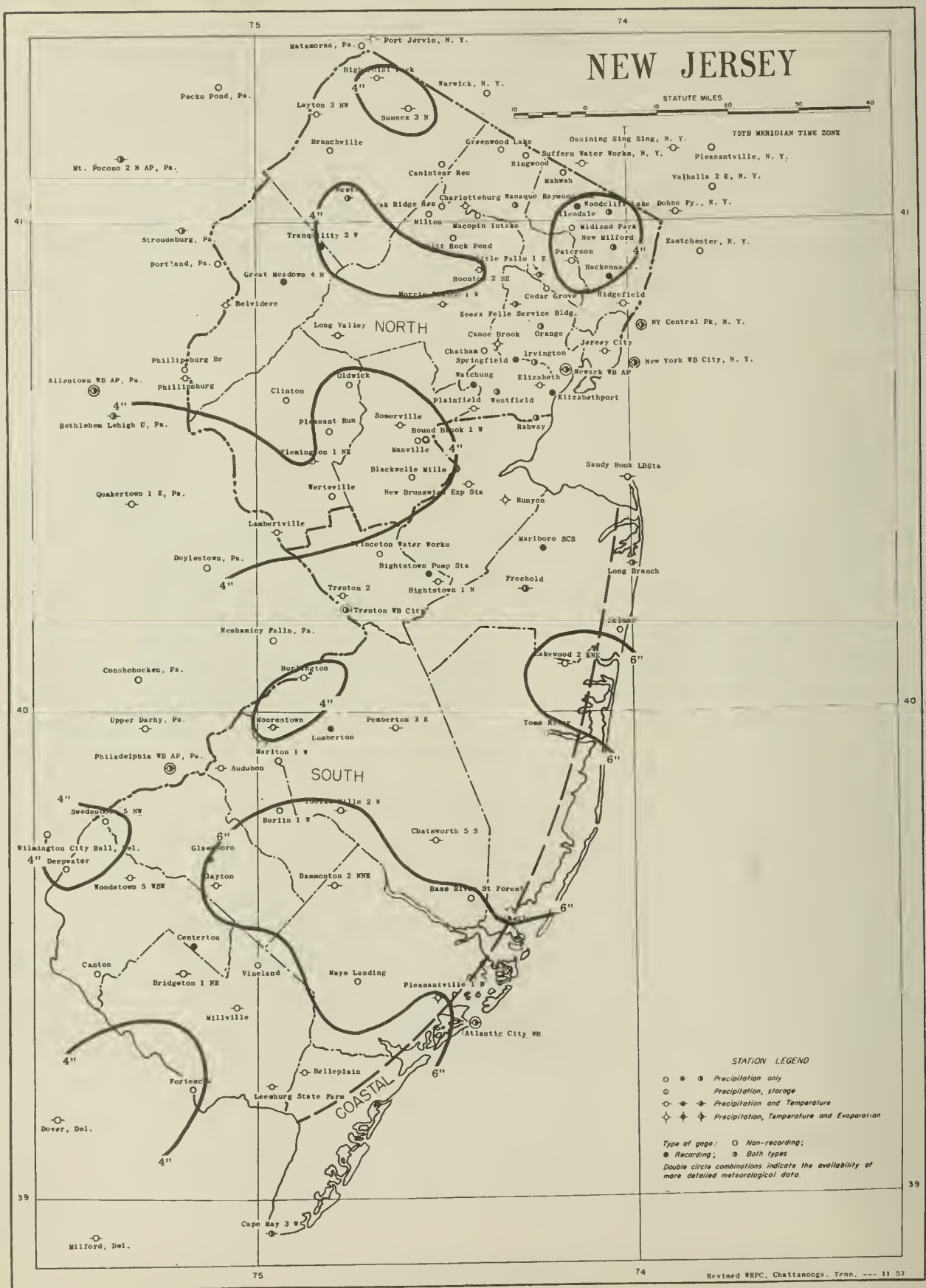
SNOWFALL AND SNOW ON GROUND

Station		Day of month																												
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
ATLANTIC CITY WB	SNOWFALL	9.0		T	.6	T										.8	2.8	T		.1												
	SN ON GND	1	7	5	5	4	3	1									1	2	2	1	T	T	T									
BASS RIVER ST FOREST	SNOWFALL			9.0													12.0														
	SN ON GND	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
BELVIDERE	SNOWFALL	.3			T		T	2.0	2.5	T						.3	17.0	T	T													
	SN ON GND						T	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				
CHARLOTTEBURG	SNOWFALL	T						2.0	4.0								17.0	4.0														
	SN ON GND	T						2	4	4	4	4	4	4	3	3	20	24	24	24	23	23	20	17	13	8	5	4	2			
CLAYTON	SNOWFALL	7.5	T	T	T	T							T			2.0	13.0	T		T												
	SN ON GND	8	6	6	4	4	1	T					T			2	15	14	13	12	10	7	6	3	T							
FLEMINGTON 1 NE	SNOWFALL	.5	T		.5	T	T	1.0	.8	T			T	T	T	.5	17.5	1.0	.5	.3												
	SN ON GND	T	T		T		T	1	1	T	T	T	T	T	T	1	18	19	20	20	19	15	12	10	5	T	T	T	T			
FREEHOLD	SNOWFALL	3.3			T								T			2.0	7.6	T	T	T												
	SN ON GND	3	3	2												2	10	10	10	10	9	9	6	4	T	T	T	T	T			
HIGHTSTOWN 1 N	SNOWFALL	3.2			T				T				T			.5	14.0	T	T													
	SN ON GND	3	2	2	2	1	T										14	14	14	14	13	10	6	4	2	T	T					
INDIAN MILLS 2 W	SNOWFALL	7.3	T	T	.5	T			T				T			2.6	12.1	T		T												
	SN ON GND	6	4	4	3	2	1	T	T	T	T	T	T	T	T	2	13	12	11	9	8	6	3	2	T	T	T					
LAMBERTVILLE	SNOWFALL	1.0	T						T							.5	8.0															
	SN ON GND	T	T													1	8	8	8	7	7	6	5	4	2	T	T					
LAURELTON 1 E	SNOWFALL	7.9		T	T				T				T				17.0	T	T				T				T					
	SN ON GND	8	6	6	6	4	3	T	T	T	T	T	T				17	17	16	16	15	12	8	5	3	1	T	T	T			
LAYTON 3 NW	SNOWFALL				T			3.6	3.2							.6	19.0															
	SN ON GND							3	6	6	6	6	6	6	6	7	26	26	26	26	26	25	15	15	12	8	7	7	5			
LITTLE FALLS 1 E	SNOWFALL				.1			1.5									11.0	1.0		.1												
	SN ON GND				T	T		2	2	1	1	1	1	1	1	1	12	13	13	13	13	12	10	9	6	4	3	2	1			
LONG BRANCH	SNOWFALL	3.7		T	T		T		T				T			4.5	8.5	T	.2	T			T									
	SN ON GND	4	3	2	2	1	T		T							2	13	13	13	13	12	12	9	8	6	T	T					
LONG VALLEY	SNOWFALL	1.0						2.0									18.0															
	SN ON GND	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
MAYS LANDING	SNOWFALL	2.0			1.0										2.0	7.0				1.0												
	SN ON GND	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
MILLVILLE	SNOWFALL	8.0			.5											-			-	-												
	SN ON GND	-	-	-	5	-	-	-								-	-	-	-	-	-	-	-	-	-							
MOORESTOWN	SNOWFALL	2.0	2.0			T											12.0	4.0														
	SN ON GND	2	4	3	3	2	T	T									12	16	16	16	14	12	8	3	T	T						
MORRIS PLAINS	SNOWFALL	T	T	T	T		T	1.2	.3				T			.3	16.0											T				
	SN ON GND	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
NEWARK WB AIRPORT	SNOWFALL	1.0		T	.2			1.4	T	T			T			4.2	9.1	T	.2	.1			T					.1	T			
	SN ON GND	1	T		T			1	1	T							8	13	9	8	6	6	5	3	2	1	T	T			
	WTR EQUIV																.8	1.4	1.4	1.3	1.1	1.0	.9	.6	.5						
NEW BRUNSWICK EXP STA	SNOWFALL	1.0			T		T	T	1.0		T		T			T	9.1	*	.8									T				
	SN ON GND	1	T	T	T				T		T					T	9	9	9	8	8	6	5	3	2	T						
NEWTON	SNOWFALL							3.0	1.0								11.0			T												
	SN ON GND							3	4	4	4	4	3	3	3	3	14	14	14	14	14	12	7	6	6	3	3	2	1			
PATERSON	SNOWFALL	T			T	T		.5	1.0	T	T			T			16.0	.5		.1												
	SN ON GND								1								16	16	15	14	10	8	4	2	2	2	1					
PEMBERTON 3 E	SNOWFALL	5.5														.3	14.0															
	SN ON GND	6	4	3	3	2	1									T	14	14	14	14	12	11	6	5	2	1						
PHILLIPSBURG	SNOWFALL	.7					T	1.3	2.0							T	14.0		T									T				
	SN ON GND	T						1	3	3	3	2	2	2	T	T	14	14	14	14	12	11	10	7	4	T	T					
PLAINFIELD	SNOWFALL	1.0			.1			.5					T				12.1	.5		T												
	SN ON GND																12	12	12	11	9	6	4	3	2	1						
RAHWAY	SNOWFALL	.8		T	T			T					T				11.7			T							T					
	SN ON GND	1		T													12	12	11	10	6	6	5	5	4	4	T					
RIDGEFIELD	SNOWFALL	T		T	T			1.0	T	T			T			2.5	12.0	T	T	T												
	SN ON GND			T				1	1	1						3	14	14	14	13	11	10	7	4	1	1	T					
SOMERVILLE	SNOWFALL	.5						.3	.3							.8	9.0	.8	.2	.1												
	SN ON GND	T						T	T							1	9	9	9	8	7	6	4	3	2							
TRENTON WB CITY	SNOWFALL	3.2	T	T	T								T			6.0	7.0	T		T												
	SN ON GND	1	2	1	1	T	T										13	13	12	11	8	7	4	3	2	1	T					
WANAQUE RAYMOND DAM	SNOWFALL							1.8	2.0								12.5	3.5														
	SN ON GND							2	3	3	3	3	3	3	3	3	16	19	14	14	12	10	9	7	6	5	3					

See reference notes following Station Index.

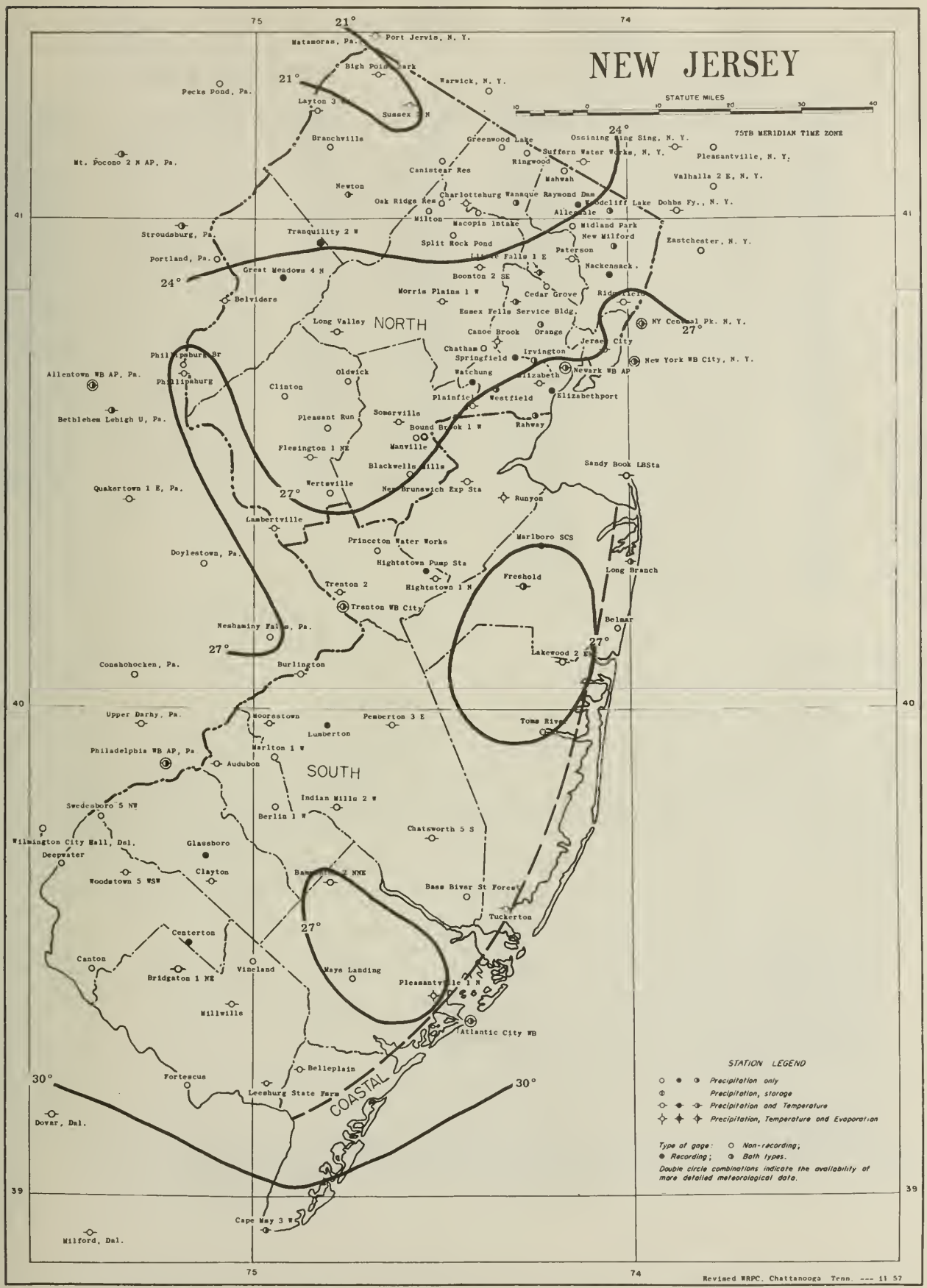
TOTAL PRECIPITATION

NEW JERSEY
FEBRUARY 1958



Isolines are drawn through points of approximately equal values. Hourly precipitation data from recorder substations will be available in the publication "Hourly Precipitation Data".

AVERAGE TEMPERATURE



Isolines are drawn through points of approximately equal values. Hourly precipitation data from recorder substations will be available in the publication "Hourly Precipitation Data".

STATION INDEX

STATION	INDEX NO.	COUNTY	DRAINAGE ‡	LATITUDE	LONGITUDE	ELEVATION	OBSERVATION TIME AND TABLES: TEMP.	PRECIP.	EVAP.	SPECIAL (SEE NOTES)	OBSERVER
ALLENDALE	0100	BERGEN	8	41 02	74 08	270				C	BERGEN COUNTY ENGS
# ATLANTIC CITY WB	0325	ATLANTIC	1	39 22	74 25	8	MID	MID		C HJ	U. S. WEATHER BUREAU
AUDUBON	0346	CAMDEN	2	39 54	75 04	50	11P	11P			IRVIN J. NYGREN
BASS RIVER ST FOREST	0526	BURLINGTON	1	39 37	74 26	20		6P		H	N.Y. FORESTRY SVC
BELLEPLAIN	0690	CAPE MAY	1	39 16	74 52	48	5P	5P			MRS. ED C. HOFFMAN
BELMAR	0721	MONMOUTH	1	40 10	74 02	19		MID			CITY WATER DEPT
BELVIDERE	0729	WARREN	2	40 50	75 05	289	5P	5P		H	MISS C. S. MASON
BERLIN 1 W	0787	CAMDEN	T	39 48	74 57	150		7A			SAMUEL M. MC CULLEY
BLACKWELLS MILLS	0847	SOMERSET	10	40 29	74 35	27		7A			HENRY M. MILLER
BOONTON 2 SE	0907	MORRIS	8	40 54	74 24	280	8A	8A			JERSEY CITY WTR WKS
BOUND BROOK 1 W	0927	SOMERSET	10	40 33	74 33	20		8A			AMERICAN CYANAMID CO
BRANCHVILLE	0978	SUSSEX	2	41 09	74 47	570		7A			ALBERT M. DAVENPORT
BRIDGETON 1 NE	1028	CUMBERLAND	2	39 28	75 12	114	9A	9A			RADIO STATION WSNJ
BURLINGTON	1211	BURLINGTON	2	40 04	74 53	12	6P	6P			PUBLIC SVC E. & G. CO
CANISTEAR RESERVOIR	1327	SUSSEX	8	41 07	74 30	1040		8A			NEWARK WATER DEPT
CANOE BROOK	1335	ESSEX	8	40 45	74 21	180	9A	9A	9A		
CANTON	1343	SALEM	2	39 28	75 27	20		9A			GERTRUDE S. WILLIS
CAPE MAY 3 W	1351	CAPE MAY	1	38 56	74 57	17	5P	5P		C	N.WEST MAGNESITE CO
CEDAR GROVE	1472	ESSEX	8	40 52	74 13	400		8A			J. A. PLUNKETT
CENTERTON	1512	SALEM	6	39 31	75 10	80				C	JOHN HOPKINS UNI.
CHARLOTTEBURG	1582	PASSAIC	8	41 03	74 26	760	7A	7A		H	NEWARK WATER DEPT
CHATHAM	1590	MORRIS	8	40 44	74 23	185		8A			EDWARD P. MOLITOR
CHATSWORTH 5 S	1598	BURLINGTON	1	39 44	74 32	90	5P	5P			WILLIAM B. HAINES
CLAYTON	1708	GLOUCESTER	6	39 39	75 06	120	6P	6P		H	HARRY P. CAMPBELL
CLINTON	1749	HUNTERDON	10	40 38	74 55	300		6P			L. W. KLOCKNER
DEEPWATER	2209	SALEM	2	39 41	75 30	12		MID			DU PUNT DE NEMOURS
ELIZABETH	2644	UNION	1	40 40	74 14	33	5P	5P			UNION CO PARK COMM
ELIZABETHPORT	2652	UNION	8	40 39	74 12	30		MID		C	SEWAGE TREATMENT PL
ESSEX FELLS SERV BLDG	2768	ESSEX	8	40 50	74 18	250	8A	8A		C	BOROUGH ESSEX FELLS
FLEMINGTON 1 NE	3029	HUNTERDON	10	40 31	74 51	134	5P	5P		H	DONALD YOUNG
FORTESCUE	3102	CUMBERLAND	2	39 14	75 10	5		7A			JOHN LOPER
FREEHOLD	3181	MONMOUTH	10	40 15	74 17	144	6P	6P		C H	FRANK J. MOREAU
GLASSBORO	3291	GLOUCESTER	2	39 42	75 07	150				C	PROF. J. B. SANGREE
GREAT MEADOWS 4 N	3416	WARREN	2	40 56	74 55	540				C	GAMMA CHEMICAL CORP.
GREENWOOD LAKE	3516	PASSAIC	8	41 09	74 20	660		7A			GEORGE T. WIGGINS
HACKENSACK	3572	BERGEN	4	40 53	74 03	10				C	BERGEN COUNTY ENGS
HAMMONTON 2 NNE	3662	ATLANTIC	7	39 39	74 48	85	8A	8A			W. HUBBARD PARKHURST
HIGH POINT PARK	3939	SUSSEX	2	41 18	74 40	1600	8A	8A			N. J. DEPT. OF CONS.
HIGHTSTOWN 1 N	3951	MERCER	10	40 16	74 31	100	8P	8P		H	JAMES R. PICKERING
HIGHTSTOWN PUMPING STA	3956	MERCER	10	40 17	74 32	75				C	DEPT WATER & SEWAGE
INDIAN MILLS 2 W	4229	BURLINGTON	7	39 48	74 47	100	7P	7P		H	EDWARD ENTWISTLE
IRVINGTON	4260	ESSEX	1	40 43	74 15	120		MID		C	JOINT MEETING GARAGE
JERSEY CITY	4339	HUDSON	1	40 44	74 04	135	MID	MID			JERSEY CITY WTR DEPT
LAMBERTVILLE	4635	HUNTERDON	2	40 22	74 57	75	6P	6P		H	E. E. CASE
LAURELTON 1 E	4700	OCEAN	1	40 04	74 07	20	MID	MID		C H	GEORGE G. WAUGILL
LAYTON 3 NW	4735	SUSSEX	2	41 15	74 51	480	6P	6P		H	A. M. DEPUE
LEESBURG STATE FARM	4762	CUMBERLAND	6	39 14	74 58	10	6P	6P			LEESBURG STATE FARM
LITTLE FALLS 1 E	4887	PASSAIC	8	40 53	74 14	157	9A	9A		C H	PASSAIC VLY WTR COMM
LONG BRANCH	4987	MONMOUTH	1	40 18	73 59	34	MID	MID		C HJ	STORM WARN. USPL STA
LONG VALLEY	5003	MORRIS	10	40 48	74 46	660	6P	6P		H	ARTHUR BARKMAN
LUMBERTON	5055	BURLINGTON	2	39 58	74 48	25				C	JAMES LAWTON
MACUPIN INTAKE	5071	PASSAIC	8	41 01	74 24	584		9A			NEWARK WATER DEPT
MAHWAH	5104	BERGEN	8	41 06	74 10	253		7A			ROBERT G. GLASGOW
MANVILLE	5197	SOMERSET	10	40 33	74 34	50		MID			JOHN L. MAUCLIFFE
MARLBORO SCS	5244	MONMOUTH	1	40 20	74 14	120				C	GEROW BRILL

STATION	INDEX NO.	COUNTY	DRAINAGE ‡	LATITUDE	LONGITUDE	ELEVATION	OBSERVATION TIME AND TABLES: TEMP.	PRECIP.	EVAP.	SPECIAL (SEE NOTES)	OBSERVER
MARLTON 1 W	5252	BURLINGTON	2	39 54	74 57	90		6P			DAVID GRISCOM
MAYS LANDING	5346	ATLANTIC	3	39 27	74 44	50		5P		H	ELMER EARLE
MIDLAND PARK	5503	BERGEN	1	40 59	74 09	210		MID			RIDGEWOOD WATER CO.
MILLVILLE	5576	CUMBERLAND	8	39 24	75 03	60	8A	8A		C H	L. J. GALLAHER
MILTON	5597	MORRIS	8	41 01	74 32	950		7A			JERSEY CITY WTR WKS
MOORESTOWN	5728	BURLINGTON	2	39 58	74 56	55	MID	8A		H	M. J. WILLARD
MORRIS PLAINS	5789	MORRIS	8	40 50	74 30	500	6P	6P		H	JAMES C. LONG
NEWARK WB AIRPORT	6020	ESSEX	1	40 42	74 10	11	MID	MID		C HJ	U. S. WEATHER BUREAU
NEW BRUNSWICK EXP STA	6062	MIDDLESEX	10	40 28	74 26	80	5P	5P		GH	ARTHUR M. AHLQUIST
NEW MILFORD	6140	BERGEN	4	40 57	74 02	12		MID		C	MACKENSACK WATER CO
NEWTON	6177	SUSSEX	2	41 03	74 45	565	6A	8A		C H	NEWTON WTR SWR COMM
OAK RIDGE RESERVOIR	6460	PASSAIC	6	41 02	74 30	870		8A			NEWARK WATER DEPT
OLDWICK	6544	HUNTERDON	10	40 40	74 45	260		8A			DAN A. COUGHLIN
ORANGE	6580	ESSEX	8	40 47	74 14	160		MID		C	COUNTY ENGINEER
PATERSON	6775	PASSAIC	8	40 55	74 09	100	8A	8A		H	P. J. DEL VECCHIO
PEMBERTON 3 E	6843	BURLINGTON	2	39 58	74 36	60	5P	5P		H	CHARLES A. VOEMLERT
PHILLIPSBURG	6974	WARREN	2	40 41	75 12	182	3P	3P		H	SEWAGE DISPOSAL PLT
PHILLIPSBURG BRIDGE	6979	WARREN	2	40 42	75 12	196		9A			JOINT TOLL BRDGE COM
PLAINFIELD	7079	UNION	10	40 36	74 25	120	8P	8P		H	MRS VIVIAN SCHERER
PLEASANT RUN	7123	HUNTERDON	10	40 34	74 48	140		7A			JOHN H. BERRYMAN
PLEASANTVILLE 1 N	7131	ATLANTIC	1	39 25	74 31	6	6A	8A	6A		ATLANTIC CITY WTR WK
PRINCETON WATER WORKS	7326	MERCER	10	40 19	74 40	90		MID			PRINCETON WATER CO
RAHWAY	7393	UNION	9	40 36	74 15	20		MID		C H	RAHWAY VLY SWG AUTH
RIDGEFIELD	7545	BERGEN	4	40 50	74 01	80	MID	MID		H	GEORGE P. KIRSTEN
RINGWOOD	7567	PASSAIC	6	41 08	74 16	305		10A			NO JERSEY WTR SUPPLY
RUNYON	7825	MIDDLESEX	1	40 26	74 20	16	6P	6P	6P		N.J. WATER COMM
SANDY HOOK LBSTA	7869	MONMOUTH	1	40 26	74 01	22	TP	TP			U. S. COAST GUARD
SOMERVILLE	8194	SOMERSET	10	40 34	74 37	75	6P	6P		H	W. E. HAVER
SPLIT ROCK POND	8402	MORRIS	8	40 58	74 28	800		10A			JERSEY CITY D P W
SPRINGFIELD	8423	UNION	1	40 43	74 18	"				C	N.J. DEPT OF CONS
SUSSEX 3 N	8644	SUSSEX	5	41 14	74 35	530	TA	7A			BRICE B. STANTON
SWEDESBORO 5 NW	8685	GLOUCESTER	2	39 47	75 24	10		12N			SUN OIL CO
TOMS RIVER	8816	OCEAN	1	39 57	74 14	10		5P			ROBERT F. SNYDER
TRANQUILITY 2 W	8858	WARREN	2	40 57	74 50	551				C	M. J. ERVEY
TRENTON 2	8878	MERCER	2	40 14	74 46	105	MID	MID			E. M. RISTOW
# TRENTON WB CITY	8883	MERCER	2	40 13	74 46	56	MID	MID		C HJ	U. S. WEATHER BUREAU
TUCKERTON	8899	OCEAN	1	39 36	74 20	10	6P	6P			REV EDWARD D. MEGILL
VINELAND	9135	CUMBERLAND	6	39 29	75 00	110		8A			STATE HOME FOR WOMEN
WANAQUE RAYMOND DAM	9187	PASSAIC	8	41 03	74 18	320		8A		C H	WATER SUPPLY COMM
WATCHUNG	9271	UNION	8	40 40	74 25	"				C	BONNIE BURN SAN.
WERTSVILLE	9363	HUNTERDON	10	40 27	74 46	160		7A			ROBERT M. MANNERS
@ WESTFIELD	9455	UNION	9	40 39	74 21	138		5P		C	CITY ENGINEER
WOODCLIFF LAKE	9832	BERGEN	4	41 01	74 03	103		MID		C	MACKENSACK WATER CO
WOODSTOWN 5 WSW	9910	SALEM	2	39 38	75 25	30	TA	TA			RAYMUND L. BLEWS JR.

‡ 1-COASTAL; 2-DELAWARE; 3-GREAT EGG HARBOR; 4-HACKENSACK; 5-HUDSON; 6-MAURICE; 7-MULLICA; 8-PASSAIC; 9-RAHWAY; 10-RARITAN; 11-ROCKAWAY

REFERENCE NOTES

Additional information regarding the climate of New Jersey may be obtained by writing to the State Climatologist at Weather Bureau Office, c/o General Delivery, Trenton, New Jersey or to any Weather Bureau Office near you.

Figures and letters following the station name, such as 12 SSW, indicate distance in miles and direction from the post office.

Delayed data and corrections will be carried only in the June and December issues of this bulletin.

Monthly and seasonal snowfall and heating degrees for the preceding 12 months will be carried in the June issue of this bulletin.

Stations appearing in the Index, but for which data are not listed in the tables, either are missing or were received too late to be included in this issue.

Divisions, as used in "Climatological Data" Table and on the maps, became effective with data for September 1956.

Unless otherwise indicated, dimensional units used in this bulletin are: Temperature in °F, precipitation and evaporation in inches and wind movement in miles. Monthly degree day totals are the sums of the negative departures of average daily temperatures from 65° F.

Evaporation is measured in the standard Weather Bureau type pan of 4 foot diameter unless otherwise shown by footnote following the "Evaporation and Wind" Table. Max and Min in "Evaporation and Wind" Table refer to extremes of temperature of water in pan as recorded during 24 hours ending at time of observation.

Long-term means for full-time stations (those shown in the Station Index as "U. S. Weather Bureau") are based on the period 1921-1950, adjusted to represent observations taken at the present location. Long-term means for all stations except full-time Weather Bureau stations are based on the period 1931-1955.

Water equivalent values published in the "Snowfall and Snow on Ground" Table are the water equivalent of snow, sleet, or ice on the ground. Samples for obtaining measurements are taken from different points for successive observations; consequently occasional drifting and other causes of local variability in the snowpack may result in apparent inconsistencies in the record.

Entries of snowfall in the "Climatological Data" Table and the "Snowfall and Snow on Ground" Table, and in the seasonal snowfall table include snow and sleet. Entries of snow on ground include snow, sleet and ice.

Data in the "Daily Precipitation" Table; "Daily Temperature" Table; and "Evaporation and Wind" Table, and snowfall in the "Snowfall and Snow on Ground' Table, when published, are for the 24 hours ending at time of observation. The Station Index shows observation times in local standard time. During the summer months some observers take the observations on daylight saving time.

Snow on ground in the "Snowfall and Snow on Ground" Table is at observation time for all except Weather Bureau and CAA stations. For these stations snow on ground values are at 7:00 a.m., E.S.T.

No record in the "Climatological Data" Table and the "Daily Temperature" Table is indicated by no entry.

Interpolated values for monthly precipitation totals may be found in the annual issue of this publication.

- No record in the "Daily Precipitation" Table; "Evaporation and Wind" Table; "Snowfall and Snow on Ground" Table; and the Station Index.
+ And also on an earlier date or dates.
++ Fastest observed one minute wind speed. This station is not equipped with automatic wind instruments.
* Amount included in following measurement, time distribution unknown.
Thermometers are generally exposed in a shelter located a few feet above sod-covered ground; however, the reference indicates that the thermometers are exposed in a shelter located on the roof of a building.
// Gage is equipped with a windshield.
AR This entry in time of observation column in Station Index means after rain.
AM Data based on observational day ending before noon.
B Adjusted to a full month.
O Water equivalent of snowfall wholly or partly estimated, using a ratio of 1 inch water equivalent to every 10 inches of new snowfall.
M One or more days of record missing; if average value is entered, less than 10 days record is missing. See "Daily Temperature" Table for detailed daily record. Degree day data, if carried for this station, have been adjusted to represent the value for a full month.
R Amounts from recording gage. (These amounts are essentially accurate but may vary slightly from the amounts to be published later in Hourly Precipitation Data.)
SS This entry in time of observation column in Station Index means observation made near sunset.
T Trace, an amount too small to measure.
Y Includes total for previous month.
X Observation time is 1:00 a.m., of the following day.
VAR This entry in time of observation column in Station Index means variable.

In the Station Index the letters C, G, H, and J in the "Special" column under the heading "Observation Time and Tables", indicate the following:

C Weighing Rain Gage Recording Station. Hourly precipitation values are processed for special purposes, and are published later in "Hourly Precipitation Data" Bulletin.
G "Soil Temperature" Table.
H "Snowfall and Snow on Ground" Table. Omission of data in any month indicates no snowfall and/or snow on ground in that month.
J "Supplemental Data" Table.

Information concerning the history of changes in locations, elevations, exposure etc. of substations through 1955 may be found in the publication "Substation History" for this state. That publication may be obtained from the Superintendent of Documents, Government Printing Office, Washington 25, D. C. for 15 cents. Similar information for regular Weather Bureau stations may be found in the latest annual issue of Local Climatological Data for the respective stations, obtained as indicated above, price 15 cents.

Subscription Price: 20 cents per copy, monthly and annual; $2.50 per year. (Yearly subscription includes the Annual Summary). Checks, and money orders should be made payable to the Superintendent of Documents. Remittance and correspondence regarding subscriptions should be sent to the Superintendent of Documents, Government Printing Office, Washington 25, D. C.

USCOMM-WB-Asheville, N. C. --- 4/10/58 --- 750

51.05
NNJ
op.1

U. S. DEPARTMENT OF COMMERCE
SINCLAIR WEEKS, Secretary
WEATHER BUREAU
F. W. REICHELDERFER, Chief

CLIMATOLOGICAL DATA

NEW JERSEY

MARCH 1958
Volume LXIII No. 3



THE LIBRARY OF THE
MAY 2 3
UNIVERSITY OF ILLINOIS

ASHEVILLE: 1958

NEW JERSEY - MARCH 1958

TEMPERATURE AND PRECIPITATION EXTREMES

Highest Temperature: 62° on the 29th at Elizabeth

Lowest Temperature: 12° on the 10th at High Point Park

Greatest Total Precipitation: 10.02 inches at Tuckerton

Least Total Precipitation: 2.02 inches at Sussex 3 N

Greatest One-Day Precipitation: 3.00 inches on the 20th at Mays Landing

Greatest Reported Total Snowfall: 43.0 inches at Canistear Reservoir

Greatest Reported Depth of Snow on Ground: 34 inches on the 22nd at Canistear Reservoir

SPECIAL WEATHER SUMMARY

The outstanding weather feature for March in New Jersey was the snow storm of the 19th-21st. Snowfall in that storm averaged about 13 inches over the state, with the greatest amount 30.0 inches at Branchville. The wet, clinging snow froze to wires, antennas and similar objects, particularly in central and southern counties. Sustained whipping winds encountered so much resistance from the greatly increased diameters of the heavily-weighted snow and ice-covered wires and other objects that large-scale destruction occurred. Additional damage was caused by the collapse of roofs, patios and awnings under the excessive weight of the heavy, wet snow. Damaged utility lines left 400,000 customers without electric service, and 70,000 telephones were put out of operation.

Donald V. Dunlap, State Climatologist
U. S. Weather Bureau
Trenton, New Jersey

CLIMATOLOGICAL DATA

Station		Temperature													Precipitation									
		Average Maximum	Average Minimum	Average	Departure From Long Term Means	Highest	Date	Lowest	Date	Degree Days	No of Days Max 90° or Above	No of Days Max 32° or Below	No of Days Min 32° or Below	No of Days Min 0° or Below	Total	Departure From Long Term Means	Greatest Day	Date	Snow, Sleet Total	Snow, Sleet Max Depth on Ground	Snow, Sleet Date	No of Days 10 or More	No of Days 50 or More	No of Days 1.00 or More
NORTHERN																								
BELVIDERE		46.4	30.6	38.5	- 1.2	58	29	25	28+	811	0	0	20	0	4.39	.15	1.45	20	23.0			R	3	?
BOONTON 2 SE	AM	44.5	31.7	38.1	.4	56	30	24	9	827	0	0	19	0	3.54	- .47	.81	14				R	4	?
CANOE BROOK	AM	45.3	30.7	38.0	.1	57	12	22	24	830	0	0	20	0	3.85	- .51	.94	14	19.5	13	22+	R	4	?
CHARLOTTEBURG	AM	43.1	29.0	36.1	- 1.2	53	30	21	29+	889	0	1	25	0	4.78	.19	1.07	21	34.3	21	22+	7	5	1
ELIZABETH		48.2	32.1	40.2	- 1.2	62	20	25	9	762	0	0	18	0	5.14	.67	1.81	20	15.5	5	21	R	4	?
ESSEX FELLS SERV BLDG	AM	43.5	30.7	37.1		52	29+	22	9	861	0	0	25	0	4.09		1.80	20				5	?	?
FLEMINGTON 1 NE		46.7	30.0	38.4	- 2.4	57	29	22	30+	822	0	0	23	0	3.22	- .91	.99	14	26.5	9	21	6	3	0
HIGH POINT PARK		40.9M	25.4M	33.2M		56	31	12	10	978	0	5	30	0			.95	21					4	0
JERSEY CITY		43.8	33.7	38.8	- 1.5	55	11	25	9	808	0	0	12	0	5.62	1.62	1.54	20				10	4	?
LAMBERTVILLE		46.1	31.6	38.9	- 1.3	55	29+	25	18	804	0	0	17	0	4.71	.60	1.71	20	18.5	12	21	R	3	?
LAYTON 3 NW		43.8	28.2	36.0	- .3	54	30	19	24	892	0	0	23	0	5.82	2.34	2.18	20	39.2	27	21	R	3	?
LITTLE FALLS 1 E	AM	47.6	31.9	39.8	.1	60	12	23	9	774	0	0	17	0	4.30	- .10	1.12	14	15.6	10	22+	7	4	?
LONG VALLEY		45.1	29.8	37.5		55	24+	23	29+	846	0	0	25	0	2.57	- 1.78	.55	14					1	0
MORRIS PLAINS		44.3	30.5	37.4		56	12	23	9	846	0	1	24	0	3.42		.80	14	20.5			R	?	0
NEWARK WB AIRPORT	R	46.4	34.4	40.4	.1	59	11	27	9	752	0	0	8	0	4.31	.53	1.75	20	19.5	9	21	6	?	1
NEWTON	AM	43.4	29.5	36.5	- .4	53	31+	22	24	879	0	1	24	0	3.50	- .08	.98	21	26.0	20	21	7	?	0
PATERSON	AM	47.5	32.6	40.1	.2	59	12	23	9	764	0	0	17	0	5.73	1.27	1.65	14	21.0			R	4	3
PHILLIPSBURG		47.6	32.7	40.2	.9	56	30+	25	24	762	0	0	15	0	3.82	- .42	.97	20	18.5	14	21	R	3	0
PLAINFIELD		47.9	31.7	39.8	- .4	59	20	24	9	773	0	0	18	0	5.54	1.25	1.75	14	16.1			R	4	?
RIDGEFIELD		47.1	32.3	39.7	.0	59	11	25	9	776	0	0	17	0	5.45	.94	1.73	14	22.0	12	21	R	3	?
SOMERVILLE		46.2	31.4	38.8	- 1.2	56	29	24	18	804	0	0	18	0	4.17	.09	1.27	20	14.0	5	21+	R	4	1
SUSSEX 3 N	AM	42.5	27.3	34.9	- 3.0	55	30	21	9	928	0	?	31	0	2.02	- 1.61	.43	26		19	22+	R	0	0
DIVISION				38.1	- .9										4.29	.10			22.4					
SOUTHERN																								
AUDUBON		46.9	31.7	39.3		56	30+	26	22+	787	0	0	20	0	5.87		1.22	14	13.0	11	20	R	5	4
BELLEPLAIN		48.0	31.0	39.5		57	11	22	18+	780	0	0	22	0	0 6.74	2.43	1.12	14	12.0			11	5	3
BRIDGETON 1 NE	AM			M							0	0		0										
BURLINGTON			33.0	M				28	18+		0	0	15	0	4.88	.37				7	20			
CHATSWORTH 5 S		47.3	31.5	39.4		57	11	23	9	787	0	0	21	0	4.99		1.80	20	11.5	R	20	R	4	1
CLAYTON		46.5	32.3	39.4		55	29+	26	18+	787	0	0	19	0	5.08		1.45	20	20.0	20	21	6	4	?
FREEHOLD		45.9	31.3	38.6	- 1.8	56	11	24	9	810	0	0	20	0	5.27	1.07	2.15	21	17.5	14	21			
HAMMONTON 2 NNE	AM	48.3	31.8	40.1	- 2.3	58	31+	24	13	766	0	0	17	0	6.16	1.86	1.98	20				10	3	?
HIGHTSTOWN 1 N		45.5	32.0	38.8	- 1.9	55	29+	26	9	806	0	0	17	0	4.69	.79	1.14	14	15.0	10	21	R	4	2
INDIAN MILLS 2 W		46.0	30.5	38.3	- 3.0	55	11	20	18+	823	0	0	20	0	6.87	2.63			18.3	12	20			
LAURELTON 1 E		46.8	30.3	38.6	- 2.2	59	11	22	18+	815	0	0	22	0	7.00	2.73	1.89	20	10.5	7	21	9	5	?
LEESBURG STATE FARM		46.3	31.3	38.8		56	2+	22	13	804	0	0	21	0	7.18		2.89	20				10	4	2
MILLVILLE		47.4	33.0	40.2		60	1	26	9	760	0	0	15	0	5.69		1.07	20				11	5	2
MOORESTOWN		45.9	32.6	39.3	- 1.8	55	29+	25	18	789	0	0	15	0	4.10	.23								
NEW BRUNSWICK EXP STA		46.3	32.7	39.5	- 1.1	55	30+	25	9	784	0	0	16	0	4.53	.67	1.20	20	15.2	R	21	R	3	?
PEMBERTON 3 E		47.2	30.9	39.1	- 3.2	56	29+	22	18	797	0	0	20	0	6.62	2.89	2.84	20	10.0	11	21	9	4	?
PLEASANTVILLE 1 N	AM	46.7M	30.0M	38.4M	- 2.4	60	1	23	9	817	0	0	24	0	6.37	2.11	2.00	20				11	3	?
RUNYON		49.0	29.3	39.2	.1	57	30	22	30+	795	0	0	23	0	5.80	1.55	1.56	14				7	5	?
TRENTON 2		46.8	32.7	39.8		56	11	27	9	775	0	0	18	0	6.72	2.31	2.85	20	25.9	12	20	10	4	?
TRENTON WB CITY	R	45.7	34.6	40.2	- 1.1	54	30+	29	9	764	0	0	5	0	5.08	1.88	1.74	20	21.5	10	21	10	5	1
TUCKERTON		46.0	30.1	38.1		58	11	20	18+	829	0	0	22	0	10.02		2.52	15				9	8	4
DIVISION				39.2	- 2.3										5.98	1.92			16.5					
COASTAL																								
ATLANTIC CITY WB	R	45.3	35.3	40.3	- 1.2	56	11	30	9	757	0	0	4	0	7.57	4.04	2.56	20	2.9	3	21	9	6	3
CAPE MAY 3 W				M							0	0		0	5.86									
LONG BRANCH		44.6	34.0	39.3	.9	56	11	28	9	789	0	0	9	0	5.71	1.42	1.49	20	7.5	4	20	R	4	?
SANDY HOOK LBSTA																								
DIVISION				39.8	.9										6.38	2.52			5.2					

See Reference Notes Following Station Index

DAILY PRECIPITATION

Station	Total	Day of month																													
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
ATLANTIC CITY WB R	7.57			.39						T	.01			.59	.57				T	1.26	2.56	.10				.01	.61	.18			.07	1.22
AUDUBON	5.87			.30										T	1.22					1.00	1.10	1.00				.09	.22	.18			T	.76
BASS RIVER ST FOREST D	7.01	.44		.11	.03					.15					1.22					.39	2.00	0.70	.41				.45	.45				1.10
BELLEPLAIN D	6.74			.40	.28						.80			0.05	1.12					1.00	.82	.38			.10		.39	.30				1.10
BELNAR	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BELVIDERE	4.39			.30	.10										1.00					.09	1.45	.60				.22	.39					.24
BERLIN 1 W	3.50														.50						1.50	.50					.25	.60				.15
BLACKWELLS MILLS	4.24	.05			.36										.73	.11				T	1.35	.88				.09	.23	.12	.16			.16
BOONTON 2 SE	3.54	.03			.51										.81	.45				T	.52	.62	.14			.02	.29	.02	T			.13
BOUND BROOK 1 W	2.58				.45										.76	.20					.42	.25	.05			.04	.18	.04	.04			.15
BRANCHVILLE	4.71	.02			.37										.79	.20					.82	1.81	.10			T	.48	T				.17
BRIDGETON 1 NE	-	-		-	-										.20	.10				-	-	-	-			.01	.15	.17	.16			.31
BURLINGTON	4.88			.05	.05						T			T	1.10					.33	•	2.03				.05	.24	.25				.78
CANISTEAR RESERVOIR	5.19	.04			.36										.95	.42					.68	1.48	.35			T	.72	.07				.12
CANOE BROOK	3.85	T			.61										.94	.40				T	.64	.65	.16			.02	.23	.05	.03			.17
CANTON	5.60			.12	.12						.01				1.00	.15				.08	2.64	.55					.15	.13	.14			.51
CAPE MAY 3 W	5.86			.32	.04						.06			.02	.69					.49	•	1.85				•	•	.79				1.60
CEDAR GROVE	3.86				.70										.84						.60	1.08	.06			.01	.34	.10				.13
CHARLOTTEBURG	4.78	.04			.57										.75	.70					.82	1.07	.06			.04	.57	.02				.14
CHATHAN	4.34	.01			.67											1.10				T	.69	1.04	.37			.03	.24	.06	.03			.10
CHATSWORTH 5 S	4.99			.52	.09						T			T	.92					.25	1.80	.18				.02	.19	.21				.81
CLAYTON	5.08			.05							T			T	T				T	1.15	1.45	.95				.15	.35	.04				.94
CLINTON	3.73			.04	.21										1.06					.08	1.14	.48				.12	.08	.14				.40
DEEPWATER	4.49			.05										.42	.35					1.09	1.46					.17	.23	.11			.09	.95
ELIZABETH	5.14			.11	.45										1.05	.03				.05	1.81	.55	.01			.05	.26	.20				.37
ELIZABETHPORT	3.95			.41	.04									.04	1.01					.18	1.14	.16				.07	.16	.17				.57
ESSEX FELLS SERV BLDG	4.09				.43										1.14				T		1.80	.42					.25	.05				T
FLEMINGTON 1 NE -	3.22			.05	.23									T	.99	T				.05	.60	.18	T			.08	.32	.08				.64
FORTESCUE	5.70			.50	.28						.07				.90	.07				.05	1.75	1.33					.08	.15	.07			.45
FREEHOLD	5.27			.09	.36										.85	.27				.14	•	2.15				.03	.28	.51				.59
GREENWOOD LAKE	5.19	.10		T	.55										.74	1.02					.58	1.45	.20			T	.36	.07				.12
HAMMONTON 2 NNE	6.16	.02		.37	.27										.92	.10				.04	1.98	1.44				.03	.15	.21	.22			.41
HIGH POINT PARK	-			T	.50										.67						.78	.95	.24				.13					-
HIGHTSTOWN 1 N	4.69			.03	.42									T	1.14					.18	1.05	.84				.05	.23	.19				.56
INDIAN MILLS 2 W	6.87			.52	.14						T			.09	.94					.44	•	3.07				.04	.33	.27				1.03
IRVINGTON	3.66			.42	.08									.10	.91					.10	.86	.33				.08	.18	.09				.31
JERSEY CITY	5.62			.45	.21									T	1.53				T	.17	1.54	.62				.17	.19	.18				.56
LAMBERTVILLE	4.71			T	.30										1.03					.15	1.71	.44	T			.11	.27	.06				.64
LAURELTON 1 E	7.00			.75	.03						T			.17	1.18					.70	1.89	.27	T			.07	.41	.57				.96
LAYTON 3 NW	5.82	T		.36	.25	T								T	1.72	.02			.01	.02	2.18	.61				.11	.30					.24
LEESBURG STATE FARM	7.18	.02		.34	.36						.10			.08	.75					.31	2.89	.24				.02	.54	.37	.03			1.13
LITTLE FALLS 1 E	4.30	.01		T	.63										1.12	.33	T			T	.66	1.00	.09			.01	.27	.03				.15
LONG BRANCH	5.71			.67	.01									.03	1.31					.37	1.49	.38	T			.09	.26	.39				.71
LONG VALLEY	2.57			•	.48										.55						.30	.20				.25	.28	.05				.46
MACOPIN INTAKE	4.34	.03		T	.53										.83	.52					.99	.83	T			.02	.42	.03				.14
MANWAN	3.65	.06		T	.76										.74	.74					.31	.41	.17			.01	.33	.01				.11
MANVILLE	5.29			•	.70									.02	1.10					.25	1.52	.50				.19	.20	.11				.70
MARLTON 1 W	5.09			.31	.10									T	1.15					.29	1.35	.25				T	.38	.38				.88
MAYS LANDING	7.32			.41	.10						T			.06	1.13					.10	3.00	.48				.65	.20	.07				1.12
MIDLAND PARK	4.45			.52	.19										1.53	T	T	T	T	.17	.85	.23	.03	T	T	.12	.25					.56
MILLVILLE	5.69			.17						.01	.02			.21	.85				.01	1.05	1.07	.74				.11	.19	.20			.19	.90
MILTON	6.39	.07			.53										.98	.70					.95	1.48	1.05			.06	.18	.22				.20
MOORESTOWN	4.10	.03		.08	.17										.84	.07				.06	•	2.14					.22	.11	.13			.25
MORRIS PLAINS	3.42	.01			.42			T							.80	.23	T			.02	.45	.70	.27	T		.04	.33	.02	T			.13
NEWARK WB AIRPORT R	4.31			.40	.06									.01	.75				T	.08	1.75	.49	T			.08	.14	.07				.48
NEW BRUNSWICK EXP STA	4.53			.46	T										1.13					.05	1.20	.47				.30	.15	.19				.58
NEW MILFORD	4.32			.52	.18										1.46					.04	1.12	.28				.04	.22					.48
NEWTON	3.50	.01			.30										.80	.43					.42	.98	.10			.04	.32	.01				.09
OAK RIDGE RESERVOIR	5.56	.04			.64										.76	.73					.86	1.46	.31			.06	.48	.08				.14
OLDWICK	4.42	T			.21			T							1.15	.14					1.33	.99	T			.06	.27	.10	.01			.16
ORANGE	5.24	.01		.09	.68										1.30	.02					1.25	1.03	.05				.30	.26				.25
PATERSON	3.75				.87										1.65	.16				T	1.00	1.40	.15			T	.26	.06				.18
PEMBERTON 3 E	6.62			.24	.12										1.01					.20	2.84	.91				.01	.30	.20				.79
PHILLIPSBURG	5.82			T	.30										.70	T				T	.97	.88				.12	.44	.13				.30
PHILLIPSBURG BRIDGE	4.27				.30										•	1.50					•	1.80				.04	.43					.20
PLAINFIELD	5.54			.12	.32									T	1.75						.65	1.55				.07	.18	.27				.63
PLEASANT RUN	3.00	.04		.02	.34										.75	.17				T	.54	.36	.08			.07	.25	.10	.07			.21
PLEASANTVILLE 1 N	6.37	.09		.29	.14						.02				1.70	.11				.02	2.00	.65	.10				.18	.44	.22				.47
PRINCETON WATER WORKS	4.80			.29										.02	1.04					.48	1.74	.13				.12	.25	.11			T	.62
RAHWAY	3.47			.42	.08									.03	.98					.15	.85	.11			.01	.09	.13	.25				.37
RIDGEFIELD	5.45				.28									T	1.73	T				.13	.75	1.56				.07	.40	.10				.43
RINGWOOD	5.51	.01		T	.66										1.38	.42					1.00	1.25	.12			T	.50	T				.17
RUNYON	5.80				.37										1.56					.07	1.43	.90					.42	.52				.53
SANDY NOOK LBSTA		RECORD MISSING																													
SOMERVILLE	4.17			.10	.30									T	.94					.05	1.27	.52				.05	.20	.17				.57
SPLIT ROCK POND	3.28				.41										.81	.15					.48	.75				.46	.10					.12
SUSSEX 3 N	2.02	.08		T	.42										.22	.17					.10	.33	.03			.02	.43	.11				.11
SWEDESBORO 5 NW	4.25			.01	.05										1.02	T				.08	1.93	.22				T	.23	.21	T			.50
TOMS RIVER	7.27			.56	.14										1.31					.50	2.25	.48			.04	.02	.47	.46				1.04
TRENTON 2	6.72			.42						T	T			.15	1.13					.52	2.85	.24				.14	.31	.22			T	.74
TRENTON WB CITY R	5.08	T		.51						T	T			.40	.66					.55	1.74	.15				.11	.22	.14			T	.60
TUCKERTON	10.02			.70											1.20	2.52				.50	2.20					.70	.50	.40				1.30
VINELAND	5.09			.03	.38										.84	.14				.02	2.03	.67	.02				.12	.16	.19			.49
WANAQUE RAYMOND DAM	4.83	.03			.50										1.12	.58					.87	1.15	.06			T	.38	T				.14
WERTSVILLE	2.69	.02			.36	T									.51	.06	T				.49	.61	.02			.05	.24	.09	.07			.17
WESTFIELD	5.25			.45	.07										1.45					.09	1.53	.69				.17	.20	.08				.52
WOODCLIFF LAKE	4.92			.46	.22									.02	1.66					.08	1.24	.46				.12	.20					.46

See Reference Notes Following Station Index

DAILY TEMPERATURES

Station		Day Of Month																													Average
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
ATLANTIC CITY WB	MAX	51	50	44	46	48	49	51	48	38	46	56	48	41	49	46	45	46	44	49	38	37	47	51	45	44	41	42	44	45	48	45	45.3
	MIN	49	37	39	35	35	33	36	32	30	33	33	36	32	35	36	33	33	33	38	33	33	32	35	34	41	39	38	36	35	39	41	35.3
AUDUBON	MAX	49	54	51	46	47	50	59	48	42	54	56	46	45	39	44	43	45	59	39	34	38	45	48	51	45	42	43	54	55	56	45	46.9
	MIN	40	31	40	35	35	29	28	29	29	33	31	27	27	32	27	32	32	26	33	39	26	26	27	32	37	39	35	36	28	32	38	31.7
BELLEPLAIN	MAX	51	55	47	47	48	51	50	49	49	52	57	56	48	39	48	45	45	47	45	35	38	45	47	50	47	46	42	50	54	56	50	48.0
	MIN	49	28	38	32	30	26	36	30	25	30	26	25	22	32	35	31	30	22	32	32	32	30	30	30	34	35	35	35	30	29	38	31.0
BELVIDERE	MAX	43	51	42	44	46	45	48	41	44	52	56	47	46	42	41	45	45	45	40	34	41	44	50	52	44	40	49	56	58	57	51	46.4
	MIN	36	36	34	33	28	27	35	28	26	30	28	33	25	32	35	30	28	28	33	31	31	31	29	25	35	35	36	25	28	29	30	30.6
BOONTON 2 SE	MAX	49	46	51	42	42	44	44	46	39	43	50	54	41	47	36	42	43	43	44	40	33	35	43	47	51	45	41	48	53	56	52	44.5
	MIN	34	31	33	33	39	28	33	29	24	28	29	32	32	32	32	34	33	31	32	32	30	31	34	31	35	37	35	36	27	28	38	31.7
BRIDGETON 1 NE	MAX							59		49	42	52	54	45	43		46	44	45	39						51	47	42	41		55	56	
	MIN							29		25	29	26	30	24	29		32	30	26	29						34	36	36	32		33	37	
BURLINGTON	MAX	47	48	47	46	47	48	49	46	45																							
	MIN	42	31	36	35	31	39	35	31	29	28	39	35	29	32	36	33	32	28	33	33	33	33	31	31	37	39	36	35	29	32	38	33.0
CANOE BROOK	MAX	43	46	51	43	44	45	45	46	40	44	52	57	43	48	49	42	42	44	45	40	34	36	42	48	48	48	41	46	50	56	55	45.3
	MIN	32	29	33	33	24	25	34	39	24	32	33	33	28	32	33	34	29	27	39	32	39	31	31	22	34	38	36	25	28	32	38	39.7
CAPE MAY 3 W	MAX	50	52	46	42	42		48	44			49	45	43	41	44	45	45	46	42		41			49				59			47	
	MIN	38	32	38	35	36		30	34			39	36	35	35	37	36	36	32	39		33			34				37			38	
CHARLOTTEBURG	MAX	43	44	48	41	39	42	42	43	35	40	48	52	49	47	35	39	39	42	42	40	32	34	43	45	52	47	40	47	51	53	52	43.1
	MIN	34	28	31	29	25	29	33	25	21	25	27	28	29	30	31	31	29	39	31	29	28	28	32	28	33	34	33	30	21	23	34	29.0
CHATSWORTH 5 S	MAX	52	52	47	47	48	50	45	46	45	50	57	51	43	38	45	46	45	48	41	35	45	45	47	52	52	45	42	52	55	54	46	47.3
	MIN	42	29	39	35	30	28	32	26	23	32	27	28	24	32	37	29	24	27	35	30	32	34	32	27	37	40	37	32	27	30	38	31.5
CLAYTON	MAX	51	55	51	46	47	49	47	47	44	53	55	46	41	43	44	42	41	50	41	34	37	45	45	51	48	42	41	54	55	54	44	46.5
	MIN	41	31	38	34	39	29	28	39	26	32	29	28	29	32	37	32	29	26	31	32	33	30	31	28	35	37	37	34	34	31	38	32.3
ELIZABETH	MAX	49	54	49	45	48	48	59	44	45	55	59	52	49	40	44	44	47	48	42	37	36	46	51	54	50	44	46	49	62	55	52	48.2
	MIN	35	32	36	33	30	27	35	30	25	34	26	33	28	32	35	33	30	32	35	32	39	32	32	31	30	39	36	37	28	28	39	32.1
ESSEX FELLS SERV BLDG	MAX	43	48	52	46	44	42	46	44	38	38	41	48	40	42	39	49	39	43	41	38	34	40	44	42	52	47	40	46	52	51	48	43.5
	MIN	36	32	35	32	30	28	32	28	22	26	28	28	30	33	30	32	31	30	32	30	28	30	32	28	39	36	38	39	39	30	34	30.7
FLEMINGTON 1 NE	MAX	46	53	46	43	45	44	47	42	45	52	55	47	45	48	47	45	45	47	41	34	37	43	46	51	48	42	48	54	57	55	52	46.7
	MIN	33	29	32	33	26	26	32	24	25	32	23	33	32	32	31	32	30	22	33	32	31	31	30	27	36	38	36	28	23	22	36	30.0
FREEHOLD	MAX	46	54	46	44	46	48	48	44	41	53	56	50	47	38	42	45	44	46	39	34	39	43	46	50	45	41	40	52	54	54	49	45.9
	MIN	39	33	38	33	30	29	33	27	24	32	27	33	30	31	32	30	29	27	33	32	39	31	30	26	35	37	35	32	25	29	37	31.3
HAMMONTON 2 NNE	MAX	58	59	58	57	48	47	53	59	46	45	53	58	47	45	38	41	46	46	53	39	35	40	44	47	54	49	42	40	53	57	58	48.3
	MIN	39	39	33	37	39	33	29	34	31	26	33	29	24	26	33	34	31	28	27	34	32	32	29	31	29	35	38	36	33	28	32	31.8
HIGH POINT PARK	MAX	38	49	59	37	40	36	38	38	32	49	49			41	39	32	38	48	36	32	35	41	44	41	43	49	35	42	55	51	56	40.9
	MIN		29	32	25	25	27	27	18	14	12	21	24	26	28	26	23	24	27	27	26	24	26	22	29	31	31	30	28	25	32	31	25.4
HIGHTSTOWN 1 N	MAX	45	53	47	45	47	45	48	43	42	53	55	47	48	37	41	45	45	45	39	34	37	42	45	51	45	40	41	30	55	54	48	43.5
	MIN	38	36	37	34	30	29	34	27	26	33	28	34	29	32	34	39	30	27	34	32	31	32	30	28	35	38	35	35	28	30	37	32.0
INDIAN MILLS 2 W	MAX	48	54	48	45	46	49	49	45	43	52	55	46	44	37	43	44	44	48	39	34	37	44	46	53	48	41	39	52	54	54	45	46.0
	MIN	40	27	38	34	27	24	34	30	24	32	25	34	20	32	35	30	28	29	33	32	31	31	31	24	35	38	35	31	24	28	37	30.5
JERSEY CITY	MAX	45	50	44	42	43	45	47	40	40	50	55	42	44	34	40	42	43	49	39	33	34	45	48	46	45	41	48	50	50	51	42	43.8
	MIN	49	36	38	33	33	33	32	30	25	32	30	33	32	31	34	34	33	32	33	39	39	32	36	35	39	39	36	36	32	38	38	33.7
LAMBERTVILLE	MAX	46	53	47	45	46	48	47	42	42	53	55	48	43	39	43	44	45	45	40	35	39	45	47	50	45	41	43	53	55	54	50	46.1
	MIN	35	31	35	35	29	26	34	30	27	33	27	35	27	33	36	32	31	25	33	32	32	33	30	26	36	39	36	27	27	29	38	31.6
LAURELTON 1 E	MAX	49	56	44	45	48	51	51	46	40	55	59	49	46	36	45	50	49	46	38	34	38	46	50	50	50	49	42	51	52	52	42	46.8
	MIN	39	31	38	33	39	26	31	27	22	31	25	26	26	32	34	39	28	22	33	32	31	32	29	26	36	37	36	30	24	24	38	30.3
LAYTON 3 NW	MAX	42	48	43	49	43	45	42	35	42	46	48	42	45	49	43	40	41	44	40	35	37	42	47	51	43	40	30	55	50	54	47	43.8
	MIN	33	30	30	39	21	24	32	26	23	26	29	30	31	32	35	33	20	28	28	30	39	33	28	19	33	33	35	20	25	20	35	28.2
LEESBURG STATE FARM	MAX	56	56	46	47	46	48	47	59	46	52	52	47	43	39	44	43	44	43	47	39	35	45	47	45	47	49	43	45	53	49	43	46.3
	MIN	39	27	37	31	30	29	34	30	28	28	26	32	22	39	34	31	31	29	34	30	31	30	32	27	34	38	36	33	30	29	37	31.3
LITTLE FALLS 1 E	MAX	44	48	54	46	46	48	48	49	42	45	54	60	46	48	39	43	44	46	46	42	36	40	49	52	54	47	43	48	54	58	57	47.6
	MIN	33	31	34	33	29	31	35	29	23	31	27	33	39	32	33	34	32	30	34	32	29	32	34	29	37	37	37	33	26	31	38	31.9
LONG BRANCH	MAX	46	52	44	43	45	47	47	41	38	51	56	44	45	36	42	43	45	41	38	35	36	44	49	48	45	41	45	50	50	52	44	44.6
	MIN	39	37	38	35	34	33	35	39	28	34	30	35	34	33	35	33	33	32	35	33	31	32	33	32	39	38	36	35	29	32	40	34.0
LONG VALLEY	MAX	49	48	45	43	44	49	43	51	55	46	45	46	41	36	41	44	45	43	38	35	38	44	47	55	49	41	46	53	54	53	48	48.1
	MIN	29	32	39	26	25	27	32	30	28	30	31	30	39	30	33	30	26	27	32	30	29	31	29	23	35	36	35	33	23	26	36	29.8
MILLVILLE	MAX	69	48	55	47	46	47	52	42	48	42	52	55	46	43	40	46	45	46	50	40	55	39	46	48	53	50	43	42	54	55	55	47.4
	MIN	38	31	39	34	33	29	33	32	26	31	31	35	29	33	34	33	32	27	36	32	30	34	32	39	38	39	37	35	32	30	39	33.0
MOORESTOWN	MAX	48	53	51	45	47	49	47	45	42	52	55	46	44	39	43	44	44	48	38	34	39	43	46	51	44	41	41	53	55	54	43	43.9
	MIN	40	32	37	31	32	28	33	31	28	31	39	34	26	32	36	34	32	25	35	33	33	33	32	36	37	38	36	33	26	31	37	32.6
MORRIS PLAINS	MAX	42	45	51	41	41	44	45	45	39	42	51	56	41	47	37	41	43	43	42	39	32	37	43	47	52	43	40	46	51	54	54	44.5
	MIN	33	30	32	32	25	26	32	28	23	31	29	32	30	31	32	32	27	29	32	31	30	30	30	33	34	36	34	35	24	27	37	30.5
NEWARK WB AIRPORT	MAX	49	54	45	44	46	47	48	41	42	53	59	45	46	36	45	45	47	47	40	35	36	44	50	52	48	43	46	52	53	55	44	46.4
	MIN	38	37	39	35	34	34	34	30	27	34	32	35	33	32	36	34	32	34	34	32	31	33	33	36	39	39	37	36	32	34	39	34.4
NEW BRUNSWICK EXP STA	MAX	46	53	52	44	45	46	47	45	45	53	55	51	45	39	41	43	45	44	40	35	36	43	48	50	46	42	42	51	55	55	52	46.3
	MIN	39	34	37	34	31	30	35	29	25	33	29	34	34	32	34	32	31	30	35	32	30	32	32	30	36	38	35	35	29	29	37	32.7
NEWTON	MAX	40	44	50	44	41	43	43	43	37	39	47	52	49	47	37	38	41	42	42	38	31	35	41	46	49	42	39	47	52	53	53	43.4
	MIN	33	31	32	31	25	26	33	27	25	27	27	31	32	32	32	32	30	28	33	30	29	29	27	22	33	34	35	23	23	26	36	29.5
PATERSON	MAX	45	50	55	44	46	48	50	49	42	44	52	59	45	48	39	42	46	42	46	42	35	42	47	51	54	47	45	48	58	57	58	47.5
	MIN	35	34	34	32	31	31	35	27	23	27	29	32	30	31	31	31	33	32	35	32	31	32	35	34	38	38	37	36	31	34	39	32.6
PEMBERTON 3 E	MAX	49	54	51	48	49	48	50	46	44	54	56	51	45	40	41	45	45	48	40	35	38	44	46	50	48	42	42	54	56	55	50	47.2
	MIN	40	29	39	35	29	26	34	29	23	27	29	35	24	32	33	30	39	22	34	31	30	30	31	25	35	39	36	32	24	27	38	30.9
PHILLIPSBURG	MAX	44	52	53	50	46	46	46	47	45	51	53	52	44	43	41	45	44	47	46	38	39	45	48	52	50	44	48	55	56	56	52	47.6
	MIN	35	34	35	34	39	29	35	29	34	32	28	33	32	32	36	32	39	28	34	31	36	33	32	25	36	37	36	30	37	30	38	32.7
PLAINFIELD	MAX	48	56	44	45	48	48	50	45	47	58	58	48	48	38	47	45	47	47	40	34	38	48	51	54	50	45	46	56	59	53	44	47.9
	MIN	36	31	35	34	28	26	36	30	24	33	25	34	32	32	32	31	30	34	35	32	31	31	27	29	36	38	36	34	25	28	38	31.7
PLEASANTVILLE 1 N	MAX	60	49	53	45	46	47	52	51	48	49	46	58	47	44	38	45	45	47			35	38	45	48	50	50	40	40	48	48	52	46.7
	MIN	38	27	32	33	29	25	31	28	23	29	28	32	24	27	27	30	27	24			30	29	30	29	38	39	37	34	28	26	36	30.8

See reference notes following Station Index.

DAILY TEMPERATURES

Station		Day Of Month 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Average
RIDGEFIELD	MAX	47	54	45	45	46	50	48	42	44	54	59	56	50	35	42	46	47	45	41	33	35	45	51	54	48	43	45	54	58	56	43	47.1
	MIN	36	34	38	33	30	29	32	29	25	32	29	33	28	33	33	34	30	30	34	32	30	32	31	30	38	37	37	33	29	32	38	32.3
RUNYON	MAX	49	55	50	51	49	46	50	49	52	56	56	54	49	42	44	49	46	48	47	39	37	49	50	53	46	42	42	54	56	57	53	49.0
	MIN	35	31	32	35	28	26	24	23	29	32	23	34	33	32	26	24	26	28	34	33	32	30	28	26	33	39	31	28	22	22	28	29.3
SANDY HOOK LBSTA	MAX																																
	MIN																																
SOMERVILLE	MAX	45	53	43	44	46	46	47	41	45	53	55	46	46	37	43	46	44	47	39	35	39	45	49	51	48	42	46	52	56	54	50	46.2
	MIN	35	32	34	33	27	28	35	29	26	33	25	34	31	32	35	30	29	24	35	32	31	30	28	28	36	39	36	33	27	27	38	31.4
SUSSEX 3 N	MAX	41	42	49	43	40	41	46	40	32	39	47	50	40	46	36	38	39	41	42	40	32	35	40	45	47	40	39	46	52	55	53	42.5
	MIN	30	30	30	29	25	28	27	26	21	24	22	28	27	30	30	30	27	28	28	28	28	28	30	23	25	30	30	24	22	27	31	27.3
TRENTON 2	MAX	47	54	48	45	47	48	48	44	44	54	56	46	45	38	43	46	47	48	39	34	37	45	48	53	50	42	44	55	55	55	45	46.8
	MIN	40	32	38	35	32	29	32	29	27	34	30	34	30	32	35	31	30	29	33	32	31	32	32	31	36	39	35	34	29	34	38	32.7
TRENTON WB CITY	MAX	47	53	49	44	47	48	47	43	42	52	54	45	43	40	42	44	45	44	38	34	37	44	48	50	46	42	46	51	54	54	43	45.7
	MIN	41	39	38	35	36	33	33	31	29	34	33	35	33	33	36	34	33	33	33	32	32	33	34	34	38	39	37	35	32	36	38	34.6
TUCKERTON	MAX	51	54	45	47	49	57	50	46	42	50	58	50	43	40	45	46	40	46	40	36	36	36	45	50	46	44	40	50	46	52	45	46.0
	MIN	38	28	38	34	30	26	32	29	20	30	26	34	21	30	34	30	28	20	30	30	30	31	29	31	39	39	36	30	25	22	34	30.1

DAILY SOIL TEMPERATURES

Station And Depth		Day of month 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Average
NEW BRUNSWICK EXP STATION																																	
MEASURED UNDER SOD																																	
1 INCH	MAX	34	38	36	38	40	39	43	42	42	47	50	44	42	36	35	40	43	42	37	35	34	33	35	42	41	39	38	43	49	45	41	40.1
	MIN	32	32	33	33	33	32	33	32	30	34	33	36	36	35	34	32	33	34	35	34	33	33	33	32	37	38	36	34	34	36	40	33.9
2 INCHES	MAX	32	34	36	37	38	38	42	40	39	43	45	41	41	36	35	39	40	40	37	35	34	33	34	40	41	39	38	42	47	44	41	38.8
	MIN	32	32	32	33	33	33	34	32	31	34	34	37	36	35	35	33	34	34	35	34	33	33	33	32	37	38	36	35	35	37	40	34.2
4 INCHES	MAX	32	33	36	37	38	38	41	39	39	43	44	41	41	36	36	39	40	40	37	35	34	33	34	40	41	39	38	42	46	44	41	38.6
	MIN	32	32	32	33	34	33	34	33	32	34	35	37	36	35	35	33	34	34	35	34	33	32	33	32	36	38	36	35	36	37	40	34.4
8 INCHES	MAX	33	33	35	35	36	36	37	36	36	39	40	39	38	38	37	37	37	38	38	37	38	35	35	38	38	38	38	39	42	41	40	37.2
	MIN	32	32	33	34	35	34	35	35	34	36	36	37	37	37	36	35	35	36	35	35	35	34	34	34	37	38	38	37	37	39	40	35.6
16 INCHES	MAX	34	35	35	35	35	36	37	36	36	38	38	38	38	39	37	37	37	38	38	37	36	36	35	37	38	38	38	38	39	40	40	37.0
	MIN	33	33	34	34	35	35	36	35	35	36	37	37	37	37	37	36	36	37	37	36	35	35	35	35	37	38	38	38	38	39	39	36.1
32 INCHES	MAX	36	36	36	36	35	36	38	37	37	37	38	38	38	38	38	38	38	38	38	38	38	38	38	37	37	38	38	38	39	39	40	37.5
	MIN	35	35	35	35	35	35	36	35	36	36	38	37	37	38	38	37	37	37	37	37	37	37	37	36	37	37	38	38	38	39	39	36.6

Measured under Kentucky Bluegrass.

SUPPLEMENTAL DATA

Station	Wind direction: Prevailing	Wind direction: Percent of time from prevailing	Wind speed m. p. h.: Average	Wind speed m. p. h.: Fastest mile	Wind speed m. p. h.: Direction of fastest mile	Wind speed m. p. h.: Date of fastest mile	Relative humidity averages - percent: 1:00 a EST	Relative humidity averages - percent: 7:00 a EST	Relative humidity averages - percent: 1:00 p EST	Relative humidity averages - percent: 7:00 p EST	Number of days with precipitation: Trace	.01-.09	.10-.49	.50-.99	1.00-1.99	2.00 and over	Total	Percent of possible sunshine	Average sky cover sunrise to sunset
ATLANTIC CITY WB	-	-	19.1	69	N	20	-	-	-	-	2	3	3	3	2	1	14	46	6.8
LONG BRANCH	NW	22	16.5	58	NE	19	-	84	68Ø	66	1	3	4	2	2	0	12	49	6.9
NEWARK WB AIRPORT	WNW	20	12.5	31++	WNW	7	69	72	57	63	2	5	4	1	1	0	13	-	7.2
TRENTON WB CITY	-	-	11.3	31	NW	7	-	-	-	-	4	0	5	4	1	0	14	50	6.9
Ø 12:00 Noon																			

See reference notes following Station Index.

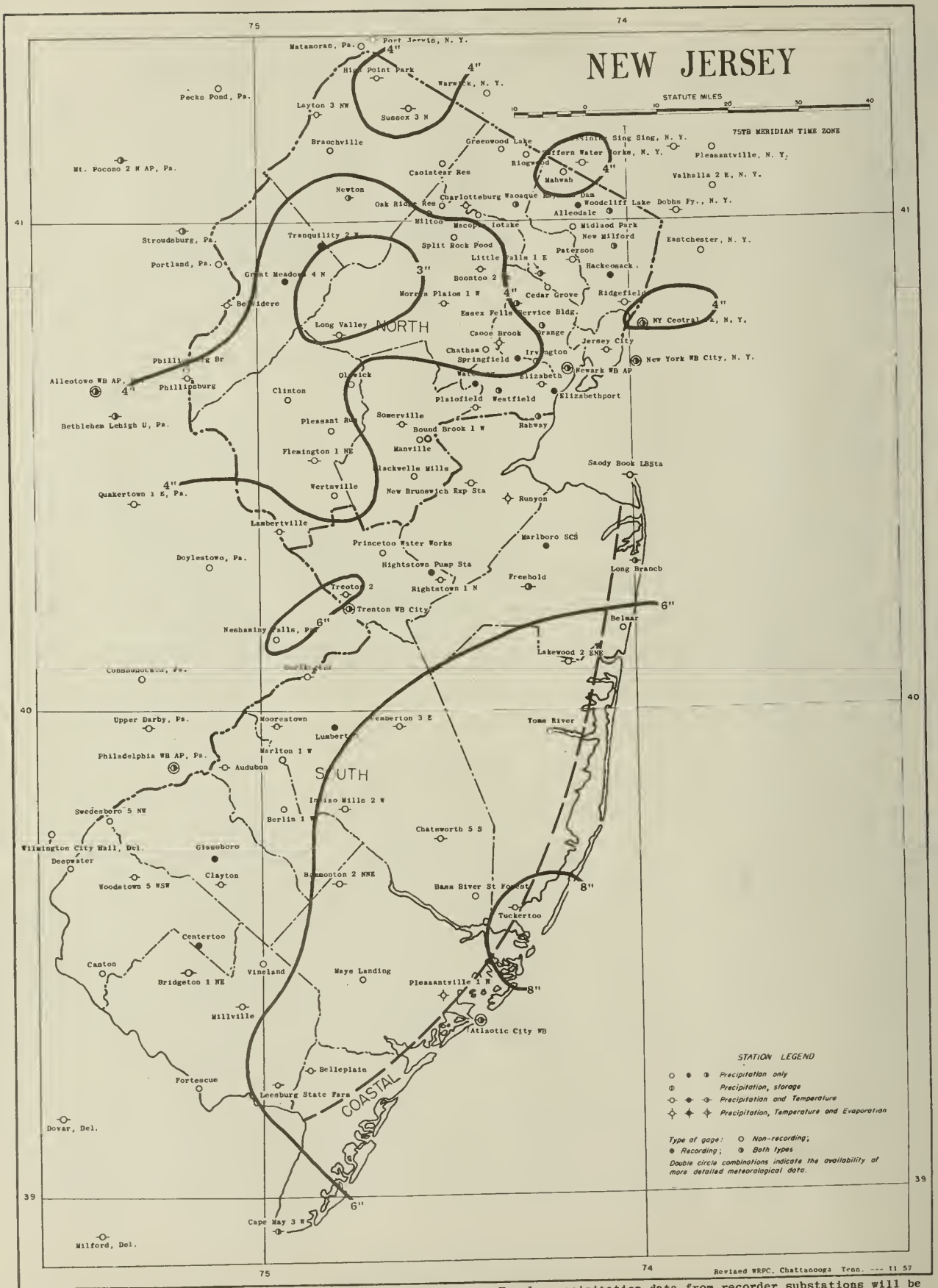
SNOWFALL AND SNOW ON GROUND

Station		Day of month																												
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
ATLANTIC CITY WB	SNOWFALL									T	.1			T	T						2.8	T										
	SN ON GND										T											3	1									
BASS RIVER ST FOREST	SNOWFALL																					7.0										
	SN ON GND																					-	-	-	-							
BELVIDERE	SNOWFALL														5.0					T	12.0	6.0									
	SN ON GND														-	-	-	-	-	-	-	-	-	-	-							
CHARLOTTEBURG	SNOWFALL				.5										7.5	4.5					9.0	12.0	.8									
	SN ON GND	2	1	1	1	1	1								8	11	9	7	5	4	12	21	21	20	15	10	5	3	2	1		
CLAYTON	SNOWFALL										T			T	T						11.0	9.0									
	SN ON GND										T			T							11	20	12	8	T	T						
FLEMINGTON 1 NE	SNOWFALL			T										T	5.5	T				.5	12.0	8.5	T					T				
	SN ON GND	T	T	T	T									T	3	2				T	8	9	8	3	T			T				
FREEHOLD	SNOWFALL														3.0	T					9.0	5.5										
	SN ON GND																				9	14	7	4	2							
HIGHTSTOWN 1 N	SNOWFALL													T	3.0					.5	8.0	3.5						T				
	SN ON GND														2	T				T	8	10	7	5	3	1	T					
INDIAN MILLS 2 W	SNOWFALL										T			.3	2.5					T	12.0	3.5										
	SN ON GND													T	T					T	12	11	8	5	3	1	T					
LAMBERTVILLE	SNOWFALL														4.5					T	6.0	8.0										
	SN ON GND														2					T	6	12	6	3	T	T	T					
LAURELTON 1 E	SNOWFALL				T						T			T						T	3.5	7.0										
	SN ON GND																			T	4	7	4	2	T							
LAYTON 3 NW	SNOWFALL				.5										13.5						19.5	5.7										
	SN ON GND	4	4	3	3	2	T								13	6	6	4	2	2	20	27	14	11	8	7	5	4	T	T		
LITTLE FALLS 1 E	SNOWFALL	T			.1										4.5	1.0	T				4.0	5.0	1.0									
	SN ON GND	T			T										5	6	4	2	2	1	5	10	10	5	3	2	1	T				
LONG BRANCH	SNOWFALL																				4.0	3.5	T									
	SN ON GND																				4	3	2	T								
LONG VALLEY	SNOWFALL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	SN ON GND	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MAYS LANDING	SNOWFALL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	SN ON GND	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MILLVILLE	SNOWFALL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	SN ON GND	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MOORESTOWN	SNOWFALL														3.0							-										
	SN ON GND														3							9	8	7	6	-	T					
MORRIS PLAINS	SNOWFALL				.5			T							6.0	1.0	T			T	6.9	10.8	4.3	T				T	T			
	SN ON GND														-	-					-	-	-	-	-							
NEWARK WB AIRPORT	SNOWFALL				T									.1	4.6					T	9.5	5.3	T					T				
	SN ON GND														3	2	T				3	9	7	3	T							
	WTR EQUIV														.5	.5					.8	1.9	1.8	1.2								
NEW BRUNSWICK EXP STA	SNOWFALL				T										4.0						6.7	4.5										
	SN ON GND														3	T					6	8	5	3	T							
NEWTON	SNOWFALL				T										6.0						7.0	13.0	T			T						
	SN ON GND	1													6	4	3	1			7	20	12	8	4	2	2					
PATERSON	SNOWFALL														7.0	1.0				T	4.0	8.0	1.0									
	SN ON GND														7	7					-	10	6	-	-							
PEMBERTON 3 E	SNOWFALL														2.0						10.0	6.0										
	SN ON GND														1						10	11	7	4	3	1						
PHILLIPSBURG	SNOWFALL				T										4.5	T				T	7.0	7.0										
	SN ON GND														5	1				T	7	14	8	4	3							
PLAINFIELD	SNOWFALL				T									T	6.0						6.0	4.1						T				
	SN ON GND														-	-	-	-	-	-	-	-	-	-	-							
RAHWAY	SNOWFALL				T									T	4.8					T	3.2	2.8			T							
	SN ON GND														5	2					3	6	4	T								
RIDGEFIELD	SNOWFALL				T										5.0	T				T	5.0	12.0										
	SN ON GND				T										4	2	1	T	T	T	5	12	7	3	T							
SOMERVILLE	SNOWFALL				T										4.0						5.0	5.0										
	SN ON GND														1						5	5	3	2								
TRENTON WB CITY	SNOWFALL									T	T			1.5	2.2					3.0	13.6	1.2						T				
	SN ON GND														4	1					4	10	5	3	1	T						
WANAQUE RAYMOND DAM	SNOWFALL				.3										9.0	2.0					6.0	6.0	2.0									
	SN ON GND	T	T		T										9	7	3	3	T	T	6	12	14			T		T				

See reference notes following Station Index.

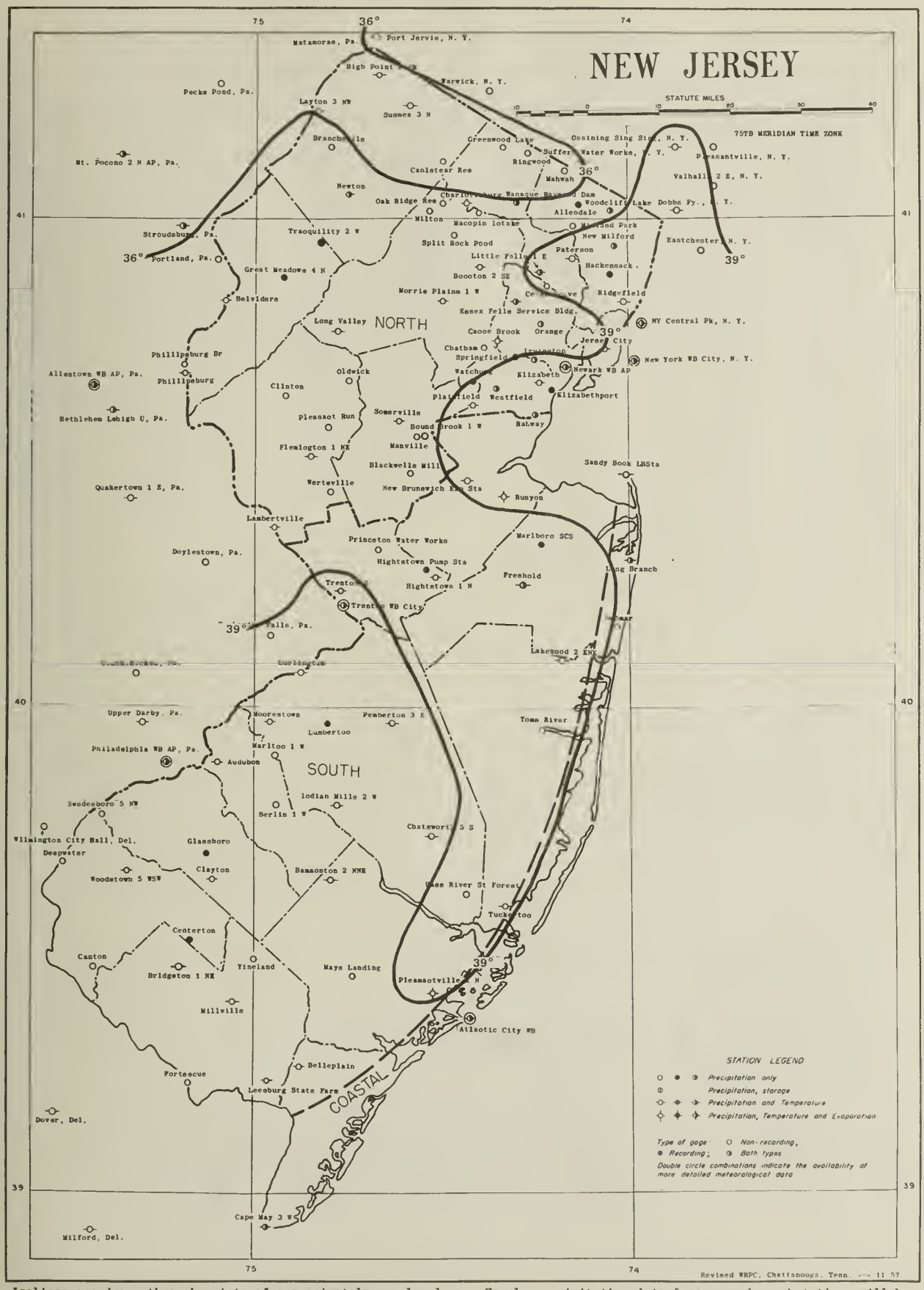
TOTAL PRECIPITATION

NEW JERSEY
MARCH 1958



Isolines are drawn through points of approximately equal values. Hourly precipitation data from recorder substations will be available in the publication "Hourly Precipitation Data".

AVERAGE TEMPERATURE



Isolines are drawn through points of approximately equal values. Hourly precipitation data from recorder substations will be available in the publication "Hourly Precipitation Data".

STATION INDEX

STATION	INDEX NO.	COUNTY	DRAINAGE ‡	LATITUDE	LONGITUDE	ELEVATION	OBSERVATION TIME AND TABLES: TEMP.	PRECIP.	EVAP.	SPECIAL (SEE NOTES)	OBSERVER
ALLENDALE	0100	BERGEN	8	41 02	74 08	270				C	BERGEN COUNTY ENGS
# ATLANTIC CITY WB	0325	ATLANTIC	1	39 22	74 25	8	MID	MID		C HJ	U.S. WEATHER BUREAU
AUDUBON	0346	CAMDEN	2	39 54	75 04	50	11P	11P			IRVIN J. NYGREN
BASS RIVER ST FOREST	0528	BURLINGTON	1	39 37	74 26	20		6P		H	N.Y. FORESTRY SVC
BELLEPLAIN	0690	CAPE MAY	1	39 16	74 52	49	5P	5P			MRS. ED C. HOFFMAN
BELMAR	0721	MONMOUTH	1	40 10	74 02	19		MID			CITY WATER DEPT
BELVIDERE	0729	WARREN	2	40 50	75 05	289	5P	5P		H	MISS C. S. HIXSON
BERLIN 1 W	0787	CAMDEN	7	39 48	74 57	150		7A			SAMUEL M. MC CULLEY
BLACKWELLS MILLS	0847	SOMERSET	10	40 29	74 35	27		7A			HENRY M. MILLER
BOONTON 2 SE	0907	MORRIS	8	40 54	74 24	280	8A	8A			JERSEY CITY WTR WKS
BOUND BROOK 1 W	0927	SOMERSET	10	40 33	74 33	20		8A			AMERICAN CYANAMID CO
BRANCHVILLE	0978	SUSSEX	2	41 09	74 47	570		7A			ALBERT M. DAVENPORT
BRIDGETON 1 NE	1028	CUMBERLAND	2	39 28	75 12	114	9A	9A			RADIO STATION WSNJ
BURLINGTON	1211	BURLINGTON	2	40 04	74 53	12	6P	6P			PUBLIC SVC E + G CO
CANISTEAR RESERVOIR	1327	SUSSEX	8	41 07	74 30	1040		8A			NEWARK WATER DEPT
CAMOE BROOK	1335	ESSEX	8	40 45	74 21	180	9A	9A	9A		COMMONWEALTH WTR CO
CANTON	1343	SALEM	2	39 28	75 25	20		9A			GERTRUDE S. WILLIS
CAPE MAY 3 W	1351	CAPE MAY	1	38 56	74 57	17	5P	5P		C	N.WEST MAGNESITE CO
CEDAR GROVE	1472	ESSEX	8	40 52	74 13	400		8A			J. A. PLUNKETT
CENTERTON	1512	SALEM	6	39 31	75 10	80				C	JOHN HOPKINS UNI.
CHARLOTTEBURG	1582	PASSAIC	8	41 03	74 26	760	7A	7A		H	NEWARK WATER DEPT
CHATHAM	1590	MORRIS	8	40 44	74 23	185		8A			EDWARD P. MOLITOR
CHATSWORTH 5 S	1598	BURLINGTON	1	39 44	74 32	90	5P	5P			WILLIAM S. HAINES
CLAYTON	1708	GLOUCESTER	6	39 39	75 06	120	6P	6P		H	HARRY P. CAMPBELL
CLINTON	1749	HUNTERDON	10	40 38	74 55	300		6P			L. W. KLUCKNEN
DEEPWATER	2209	SALEM	2	39 41	75 30	12		MID			DU PONT OE NEMOURS
ELIZABETH	2644	UNION	1	40 40	74 14	33	5P	5P			UNION CO PARK COMM
ELIZABETHPORT	2652	UNION	8	40 39	74 12	30		MID		C	SEWAGE TREATMENT PL
ESSEX FELLS SERV BLDG	2768	ESSEX	8	40 50	74 18	250	8A	8A		C	BOROUGH ESSEX FELLS
FLEMINGTON 1 NE	3029	HUNTERDON	10	40 31	74 51	134	5P	5P		H	DONALD YOUNG
FORTESCUE	3102	CUMBERLAND	2	39 14	75 10	5		7A			JOHN LOPER
FREEHOLD	3181	MONMOUTH	10	40 15	74 17	194	6P	6P		C H	FRANK J. MOREAU
GLASSBORO	3291	GLOUCESTER	2	39 42	75 07	150				C	PROF. J. H. SANGREE
GREAT MEADOWS 4 N	3416	WARREN	2	40 56	74 55	540				C	GAMMA CHEMICAL CORP.
GREENWOOD LAKE	3516	PASSAIC	8	41 09	74 20	660		7A			GEORGE T. WIGGINS
HACKENSACK	3572	BERGEN	4	40 53	74 03	10				C	BERGEN COUNTY ENGS
HANMONTON 2 NNE	3662	ATLANTIC	7	39 39	74 48	85	8A	8A			W. HUBBARD PARKHURST
HIGH POINT PARK	3935	SUSSEX	2	41 18	74 40	1600	8A	8A			N. J. DEPT. OF CONS.
HIGHTSTOWN 1 N	3951	MERCER	10	40 16	74 31	100	8P	8P		H	JAMES R. PICKERING
HIGHTSTOWN PUMPING STA	3956	MERCER	10	40 17	74 32	75				C	DEPT WATER + SEWAGE
INDIAN MILLS 2 W	4229	BURLINGTON	7	39 48	74 47	100	7P	7P		H	EDWARD ENTWISTLE
IRVINGTON	4260	ESSEX	1	40 43	74 15	120		MID		C	JOINT MEETING GARAGE
JERSEY CITY	4339	HUDSON	1	40 44	74 04	135	MID	MID			JERSEY CITY WTR DEPT
LANBERTVILLE	4635	HUNTERDON	2	40 22	74 57	75	6P	6P		H	E. E. CASE
LAURELTON 1 E	4700	OCEAN	1	40 04	74 07	20	MID	MID		C H	GEORGE G. WADILL
LAYTON 3 NW	4735	SUSSEX	2	41 15	74 51	480	6P	6P		H	A. N. DEPUE
LEESBURG STATE FARM	4762	CUMBERLAND	6	39 14	74 58	10	4P	4P			LEESBURG STATE FARM
LITTLE FALLS 1 E	4887	PASSAIC	8	40 53	74 14	157	9A	9A		C H	PASSAIC VLY WTR CUNM
LONG BRANCH	4987	MONMOUTH	1	40 18	73 59	34	MID	MID		C HJ	STORM WARN. OSPL STA
LONG VALLEY	5003	MORRIS	10	40 48	74 46	660	6P	6P		H	ARTHUR BARKMAN
LUMBERTON	5055	BURLINGTON	2	39 58	74 48	25				C	JAMES LAWTON
MACOPIN INTAKE	5071	PASSAIC	8	41 01	74 24	584		WA			NEWARK WATER DEPT
MAHWAH	5104	BERGEN	8	41 06	74 10	253		7A			ROBERT G. GLASGOW
MANVILLE	5197	SOMERSET	10	40 33	74 34	50		MID			JOHN L. RAUCLIFFE
MARLBORO SCS	5244	MONMOUTH	1	40 20	74 14	120				C	GEROW BRILL

STATION	INDEX NO.	COUNTY	DRAINAGE ‡	LATITUDE	LONGITUDE	ELEVATION	OBSERVATION TIME AND TABLES: TEMP.	PRECIP.	EVAP.	SPECIAL (SEE NOTES)	OBSERVER
MARLTON 1 W	5252	BURLINGTON	2	39 54	74 57	90		6P			
MAYS LANDING	5346	ATLANTIC	3	39 27	74 44	50		5P		H	ELMER EARLE
MIDLAND PARK	5503	BERGEN	1	40 59	74 09	210		MID			RIDGEWOOD WATER CO.
MILLVILLE	5576	CUMBERLAND	6	39 24	75 03	60	8A	8A		C H	L. J. GALLAHER
MILTON	5597	MORRIS	8	41 01	74 32	950		7A			JERSEY CITY WTR WKS
MOORESTOWN	5728	BURLINGTON	2	39 58	74 58	55	MID	8A		H	M. J. WILLARD
MORRIS PLAINS	5769	MORRIS	8	40 50	74 30	500	4P	4P		H	JAMES C. LONG
NEWARK WB AIRPORT	6026	ESSEX	1	40 42	74 10	11	MID	MID		C HJ	U. S. WEATHER BUREAU
NEW BRUNSWICK EXP STA	6062	MIDDLESEX	10	40 28	74 26	80	5P	5P		GH	ARTHUR M. ANDERSON
NEW MILFORD	6146	BERGEN	4	40 57	74 02	12		MID		C	HACKENSACK WATER CO
NEWTON	6177	SUSSEX	2	41 03	74 45	565	8A	8A		C H	NEWTON WTR SWR COMM
OAK RIDGE RESERVOIR	6460	PASSAIC	8	41 02	74 30	870		8A			NEWARK WATER DEPT
OLDWICK	6544	HUNTERDON	10	40 40	74 45	260		8A			DAN A. COUGHLIN
ORANGE	6560	ESSEX	8	40 47	74 14	140		MID		C	COUNTY ENGINEER
PATERSON	6775	PASSAIC	8	40 55	74 09	100	8A	8A		H	P. J. DEL VECCHIO
PEMBERTON 3 E	6843	BURLINGTON	2	39 58	74 38	60	5P	5P		H	CHARLES A. DOEHLERT
PHILLIPSBURG	6974	WARREN	2	40 41	75 12	182	3P	3P		H	SEWAGE DISPOSAL PLT
PHILLIPSBURG BRIDGE	6979	WARREN	2	40 42	75 12	196		9A			JOINT TOLL BRIDGE COM
PLAINFIELD	7079	UNION	10	40 36	74 25	120	8P	8P		H	MRS VIVIAN SCHERER
PLEASANT RUN	7123	HUNTERDON	10	40 34	74 48	140		7A			JOHN H. BERRYMAN
PLEASANTVILLE 1 N	7131	ATLANTIC	1	39 25	74 31	8	8A	8A	8A		ATLANTIC CITY WTR WK
PRINCETON WATER WORKS	7328	MERCER	10	40 19	74 40	90		MID			PRINCETON WATER CO
RAMWAY	7393	UNION	9	40 36	74 15	20		MID		C H	RAMWAY VLY SWG AUTH
RIDGEFIELD	7545	BERGEN	4	40 50	74 01	80	MID	MID		H	GEORGE P. KINSTEN
RINGWOOD	7587	PASSAIC	8	41 08	74 16	305		10A			NO JERSEY WTR SUPPLY
RUNYON	7825	MIDDLESEX	1	40 26	74 20	18	6P	6P	6P		N.J. WATER COMM
SANDY HOOK LBSTA	7869	MONMOUTH	1	40 28	74 01	22	7P	7P			U. S. COAST GUARD
SOMERVILLE	8194	SOMERSET	10	40 34	74 37	75	6P	6P		H	W. E. MAYER
SPLIT ROCK PUMP	8402	MORRIS	8	40 58	74 28	800		10A			JERSEY CITY O P W
SPRINGFIELD	8423	UNION	1	40 43	74 18	-				C	N.J. DEPT OF CONS
SUSSEX 3 N	8644	SUSSEX	5	41 14	74 35	530	7A	7A			BRICE B. STANTON
SWEDESBORO 5 NW	8685	GLOUCESTER	2	39 47	75 24	10		12N			SUN OIL CO
TOMS RIVER	8816	OCEAN	1	39 57	74 14	10		5P			ROBERT F. SNYDER
TRANQUILITY 2 W	8858	WARREN	2	40 57	74 50	551				C	M. J. ERVEY
TRENTON 2	8878	MERCER	2	40 14	74 46	105	MID	MID			E. H. RISTUW
# TRENTON WB CITY	8883	MERCER	2	40 13	74 46	56	MID	MID		C HJ	U.S. WEATHER BUREAU
TUCKERTON	8899	OCEAN	1	39 36	74 20	10	6P	6P			REV EDWARD O. MEGILL
VINELAND	9135	CUMBERLAND	6	39 29	75 00	110		8A			STATE HOME FOR WOMEN
WANAQUE RAYMOND DAM	9187	PASSAIC	8	41 03	74 18	320		8A		C H	WATER SUPPLY COMM
WATCHUNG	9271	UNION	8	40 40	74 25	-				C	BUNNIE BURN SAN.
WERTSVILLE	9363	HUNTERDON	10	40 27	74 48	160		7A			ROBERT M. MANNERS
# WESTFIELD	9455	UNION	9	40 39	74 21	138		5P		C	CITY ENGINEER
WOODCLIFF LAKE	9832	BERGEN	4	41 01	74 03	103		MID		C	HACKENSACK WATER CO
WOODSTOWN 5 WSW	9910	SALEM	2	39 38	75 25	30	7A	7A			RAYMOND L. BLEW. JR.

‡ 1-COASTAL; 2-DELAWARE; 3-GREAT EGG HARBOR; 4-HACKENSACK; 5-HUDSON; 6-MAURICE; 7-MULLICA; 8-PASSAIC; 9-RAHWAY; 10-RARITAN; 11-ROCKAWAY

REFERENCE NOTES

Additioeal ieformation regarding the climate of New Jersey may be obtaieed by writieg to the State Climatologist at Weather Bureau Office, c/o General Delivery, Treetoe, New Jersey or to aey Weather Bureau Office near you.

Figures and letters following the station name, such ae 12 SSW, iedlcate distance in mlies and direction from the post office.

Delayed data aed corrections will he carrled oely in the June and Decesber issues of this bulletie.

Moetbly aed seasoeal seowfall aed heatlng degrees for tbe preceding 12 soetbs will he carrled ie the Juee issue of tbis bulletie.

Stations appearlng in tbe ledex, but for wbicb data are not listed ie the tables, either are sissing or were received too late to be included ie this issue.

Divleions, ma used in "Climatological Data" Table and oe the maps, becase effective witb data for September 1956.

Unleee otherwise iedicated, dimeesioeal units used ie tbis bulletin are: Tesperature io °F, preciplitatioe and evaporatioe ie ioches aed wied sovesoet ie miles. Moetbly degree day totals are the sums of the negative departures of average dally tesperatures from 85° F.

Evaporatlon is measured ln the standard Weatber Bureau type pan of 4 foot diameter unlese otherwise shown by footnote following the "Evaporatioe aed Wied" Table. Maa and Wie le "Evaporation and Wind" Table refer to extremes of tesperature of water in pan as recorded duriog 24 bour3 endieg at time of observatlon.

Loeg-term seans for full-time statioes (tbose sbown in the Statioe lndea as "U. S. Weatber Bureau") are baned oe the period 1921-1950, adjasted to represent observations taken at tbe presoet locatioe. Loeg-term seans for all statioes eacept full-time Weather Bureau stations are based oe tbe period 1931-1955.

Water equivaleet values published in the "Seowfall aod Seow oe Ground" Table are the water equivalent of seow, sleet, or ice oe the groued. Samples for obtaieieg seasuresoets are takee from differeet poiete for euccessive observations; consequeotly occasionsl driftieg and otber causes of local variability in tbe snowpack may result ie appareet leconsisteecies ie the record.

Entrles of snowfall in tbe "Climatological Data" Table and tbe "Snowfall and Snow oe Greund" Table, aed ie the seasoeal snowfall table include seow and sleet. Entrles of eeow on ground lnclude enow, sleet and lce.

Data ie tbe "Daily Precipitatloe" Table; "Daily Tesperature" Table; and "Evaporation and Wied" Table, and snowfall in the "Snowfall and Seow oe Ground' Table, whee publlebed, are for tbe 24 hours endlng at time of observatioe. The Statloe lndex sbows observatioe times ie local staedard time. During the summer soeths some observers take the observations on daylight eaviog tise.

Snow on ground le the "Seowfall aed Seow oe Ground" Table is at observatioe time for all eacept Weather Bureau aed CAA stations. For these stations seow oe ground values are at 7:00 a.m., E.S.T.

No record ln the "Climatological Data" Table aed the "Daily Tesperature" Table is iedlcated by no eetry.

Ieterpolated values for soothly precipitatlon totals may be fousd ln the annual issue of tbis publication.

- No record ln tbe "Daily Preclpitation" Table; "Evaporation and Wied" Table; "Seowfall and Snow oe Ground" Table; aed the Statlon ledea.
+ And alsо on an earlier date or dates.
++ Fastest observed oee sinute wind speed. This statloe ls eot equipped with automatic wied lnstrumeets.
* Amount iecluded in followlng seasurement, tlse distributioe unknown.
Thermometers are geecrally eaposed ie a shelter located a few feet above sod-covered ground; however, the reference lndlcates that the tbermometers are eaposed ie a sbelter located on tbe roof of a building.
// Gage is equlpped witb a windabield.
AR Tbis eatry le time of observatioe column ie Station ledex seans after rals.
AW Data based oe observationsl day ending before eoon.
B Adjusted to a full soeth.
D Water equlvalent of seowfall wbolly or partly estimated, uslng a ratlo of 1 lncb water equivaleet to every 10 inches of new snowfall.
M One or sore days of record sissieg; if average value is eetered, less tbae 10 days record is siseieg. See "Daily Tesperature" Table for detailed daily record. Degree day data, if carried for tbis statlon, have beee adjusted to represeet the value for a full soeth.
R Amounts frce recording gage. (Tbese amouets are esseetially accurate but may vary sligbtly from tbe amouets to be publisbed later in Bourly Precipltatlon Data.)
SS Tbis eatry in time of observatioe column ie Statioe ledea seans observatioe sade near eunset.
T Trace, an amount too small to measure.
Y Includes total for previous soeth.
X Observatioe time is 1:00 a.m., of the followieg day.
VAR Tbis satry in time of observatlon colume ie Station ledea seans varlable.

le tbe Station lndea the letters C, G, B, and J ln tbe "Special" colume ueder tbe beadieg "Observatioe Tlme aed Tables", indicate tbe following:

C Weigbing Rain Gage Recordieg Statloe. Bourly precipitation values are precessed for special purposes, and are publisbed later ie "Bourly Preciplitation Data" Bulletie.
G "Soil Tesperature" Table.
B "Seowfall and Snow on Ground" Table. Omissloo of data in any moetb indicates eo seowfall aed/or snow on ground in that soetb.
J "Supplemental Data" Table.

leformatioe coecereieg tbe history of changes le locations, elevatlons, eaposure etc. of eubstations through 1955 may be found in tbe publication "Subetation Bletory" for this state. That publicatioe may be obtaied from the Superinteedeet of Documeets, Governseot Prieting Office, Washington 25, D. C. for 15 cents. Siellar Informatlon for regular Weatber Bureau statlons may be found in tbe latest annual imsue of Local Climatologlcal Data for the respective stations, obtained as indicated above, price 15 csnts.

Sebscriptlon Price: 20 eents per copy, soothly and annual; $2.50 per year. (Yearly subscriptioe includes the Annual Summary). Checks, and soney orders should be mads payable to the Superieteedeet of Documents. Remittance and correspondeece regardieg subscriptions should be seet to tbe Superlnteedeet of Documeets, Government Printing Offlce, Washingtoe 25, D. C.

USCOMM-WB-Asheville, N. C. --- 5/B/58 --- 800

551.05
UNNJ
Cop.1

U. S. DEPARTMENT OF COMMERCE
SINCLAIR WEEKS, Secretary
WEATHER BUREAU
F. W. REICHELDERFER, Chief

CLIMATOLOGICAL DATA

NEW JERSEY

APRIL 1958
Volume LXIII No. 4

ASHEVILLE: 1958

NEW JERSEY - APRIL 1958

TEMPERATURE AND PRECIPITATION EXTREMES

Highest Temperature: 86° on the 20th at Belvidere

Lowest Temperature: 16° on the 9th at High Point Park

Greatest Total Precipitation: 8.47 inches at Cedar Grove

Least Total Precipitation: 3.65 inches at Bridgeton 1 NE

Greatest One-Day Precipitation: 2.24 inches on the 11th at Cape May 3 W

Greatest Reported Total Snowfall: 4.5 inches at Oak Ridge Reservoir

Greatest Reported Depth of Snow on Ground: 6 inches on the 4+ at Canistear Reservoir

CLIMATOLOGICAL DATA

Station		Temperature													Precipitation									
											No of Days								Snow, Sleet			No of Days		
											Max		Min											
		Average Maximum	Average Minimum	Average	Departure From Long Term Means	Highest	Date	Lowest	Date	Degree Days	90° or Above	32° or Below	32° or Below	0° or Below	Total	Departure From Long Term Means	Greatest Day	Date	Total	Max. Depth on Ground	Date	10 or More	50 or More	100 or More
NORTHERN																								
BELVIDERE		65.0	40.0	52.5	1.6	86	20	26	9	380	0	0	6	0	6.63	2.69	1.31	28	.0	0		10	5	2
BOONTON 2 SE	AM	61.9	40.3	51.1	2.4	81	20	27	9	413	0	0	4	0	6.85	3.15	1.81	7		0		10	6	2
CANOE BROOK	AM	61.6	39.9	50.8	2.5	81	22	26	10	424	0	0	5	0	7.51	3.65	1.73	7	.5	T	11	10	6	3
CHARLOTTEBURG	AM	60.2	36.2	48.2	.2	80	20	24	9+	497	0	0	8	0	7.02	2.93	1.98	7	2.0	2	11	11	6	2
ELIZABETH		65.0	41.5	53.3	1.6	80	21+	28	9	347	0	0	4	0	6.91	3.05	1.97	28	T	0		6	5	2
ESSEX FELLS SERV BLDG	AM	60.4	42.8	51.6		78	22	26	9	399	0	0	2	0	6.30		1.62	7	.0	0		8	6	2
FLEMINGTON 1 NE		63.8	38.6	51.2	.1	80	19	24	4	406	0	0	6	0	6.26	2.61	1.76	6	T	0		9	5	2
HIGH POINT PARK		56.0M	36.8M	46.4M		82	20	16	9	556	0	0	13	0			1.65	7						
JERSEY CITY		58.1	43.9	51.0	.6	74	19	28	9	411	0	0	1	0	7.28	3.83	1.87	6	.0	0		6	4	3
LAMBERTVILLE		64.9	40.5	52.7	2.0	81	20	28	9	365	0	0	6	0	5.78	2.19	1.71	6	T	0		8	4	2
LAYTON 3 NW		62.5M	34.4M	48.5M	1.1	83	19	19	10+	493	0	0	10	0	5.49	1.72	1.35	6	2.0	T	11	9	4	2
LITTLE FALLS 1 E	AM	63.7	41.0	52.4	2.0	83	20	28	9	378	0	0	5	0	6.67	2.43	1.46	7	.0	0		10	5	2
LONG VALLEY		62.9	38.3	50.6		80	19	25	9+	425	0	0	9	0	6.57	2.76	1.60	6	.0	0		9	5	2
MORRIS PLAINS	AM	61.5	38.9	50.2		81	20	26	9	437	0	4	6	0	7.26		2.02	7	.5	0		11	5	2
NEWARK WB AIRPORT	R	62.2	43.8	53.0	3.0	81	21	30	9	355	0	0	1	0	6.41	3.14	1.89	28	T	T	11	7	5	2
NEWTON	AM	61.1	37.9	49.5	1.3	81	20	25	9+	465	0	0	8	0	6.53	2.93	1.39	7	.0	0		11	6	2
PATERSON	AM	63.1	42.6	52.9	2.0	83	22	26	9	366	0	0	1	0	7.18	3.22	1.60	7	.3	T	11	9	7	3
PHILLIPSBURG		65.5	41.0	53.3	3.1	81	20+	27	9	357	0	0	5	0	6.39	2.49	1.65	28	T	0		10	6	2
PLAINFIELD		64.0	40.5	52.3	1.6	81	19	27	9	376	0	0	4	0	6.31	2.56	1.85	6	.0	0		7	5	2
RIDGEFIELD		63.7	41.7	52.7	2.5	83	19	29	9	364	0	0	3	0	6.87	3.21	2.07	6	1.0	0		6	5	3
SOMERVILLE		63.2	40.0	51.6	1.3	79	21+	27	9	395	0	0	4	0	5.86	2.32	2.03	6	.0	0		8	4	2
SUSSEX 3 N	AM	59.8	36.0	47.9	- 1.4	80	20	23	9	509	0	0	11	0	6.77	3.03	1.45	7	.0	0		11	6	1
DIVISION				51.1	1.4										6.61	2.83			.3					
SOUTHERN																								
AUDUBON		64.5	43.2	53.9		82	20	30	9	337	0	0	2	0	4.23		1.51	6	.0	0		7	4	2
BELLEPLAIN		64.5	40.9	52.7		81	20	28	8+	366	0	0	6	0	4.96	1.40	1.51	11	.0	0		6	4	3
BRIDGETON 1 NE	AM	64.4M	42.3M	53.4M	.9	81	21	29	9+	338	0	0	4	0	3.65	.52	1.20	30	.0	0		4	3	1
BURLINGTON			44.2	M		84	20	29	9		0	0	3	0	4.55	1.13	1.40	6	T	0		8	3	2
CHATSWORTH 5 S		64.3	41.6	53.0		82	21	29	9	358	0	0	4	0	4.49		1.10	28	.0	0		7	5	1
CLAYTON		64.7	42.2	53.5		82	20	29	9	349	0	0	3	0	6.58		1.43	30	T	0		8	6	3
FREEHOLD		63.4	41.2	52.3	1.8	79	20	27	9	377	0	0	3	0	5.68	2.12	1.53	6	.0	0		5	5	3
HAMMONTON 2 NNE	AM	64.9	42.0	53.5	1.5	84	21	30	10	342	0	0	4	0	5.43	1.76	1.04	28	.0	0		8	7	1
HIGHTSTOWN 1 N		63.4	41.4	52.4	1.8	80	20+	28	9	372	0	0	4	0	5.18	1.88	1.82	6	.0	0		6	4	3
INDIAN MILLS 2 W		64.2	40.5	52.4	1.2	85	20	27	10+	381	0	0	6	0	4.73	1.27	1.26	28	.0	0		8	5	1
LAURELTON 1 E		61.9	39.1	50.5	- .1	75	21+	26	10+	428	0	0	5	0	5.60	1.88	1.07	28	T	0		8	5	2
LEESBURG STATE FARM		63.0	40.9	52.0		76	20	28	5	387	0	0	5	0	4.30		1.33	11	.0	0		6	4	2
MILLVILLE		64.0	43.9	54.0		83	21	31	9	337	0	0	4	0	4.53		.97	28	T	0		8	4	0
MOORESTOWN		63.7	43.3M	53.5M	2.5	82	20	29	9	347	0	0	3	0	4.24	.77	1.25	7	.0	0		7	3	2
NEW BRUNSWICK EXP STA		64.1	41.6	52.9	2.1	79	19	27	9	359	0	0	3	0	5.97	2.63	2.00	6	T	0		7	4	2
PEMBERTON 3 E		65.1	40.7	52.9	.8	82	20	28	9+	359	0	0	5	0	4.99	1.55	1.19	28	.0	0		7	5	2
PLEASANTVILLE 1 N	AM	59.9	40.4	50.2	.2	76	24	27	5	436	0	0	5	0	5.33	1.74	1.24	11	.0	0		8	5	1
RUNYON		67.2	36.5	51.9	2.8	82	19	22	5	386	0	0	8	0	5.46	1.90	1.92	6	.0	0		8	3	2
TRENTON 2		64.5M	43.1M	53.8M		81	20	28	9	336	0	0	1	0	6.89	3.16			T	0				
TRENTON WB CITY	R	63.4	44.5	54.0	3.3	83	20	28	9	339	0	0	1	0	5.77	2.77	2.23	6	.0	0		6	3	3
TUCKERTON		61.0	39.5	50.3		75	23	25	5+	436	0	0	7	0	6.47		1.30	11	.0	0		8	7	3
WOODSTOWN				M		82	20				0	0		0						0				
DIVISION				52.7	1.4										5.19	1.75			T					
COASTAL																								
ATLANTIC CITY WB	R	57.4	45.0	51.2	1.8	72	23	32	9	408	0	0	1	0	4.33	.93	1.34	11	.0	0		8	3	1
CAPE MAY 3 W		60.2M	44.7M	52.5M		72	19	34	9	368	0	0	0	0	5.84		2.24	11	.0	0				
LONG BRANCH		58.6	42.5	50.6	1.1	72	21	30	9	424	0	0	3	0	5.80	2.26	1.34	6	.0	0		8	5	2
SANDY HOOK LBSTA																								
DIVISION				51.4	1.7										5.32	2.07			.0					

See Reference Notes Following Station Index

DAILY PRECIPITATION

Station	Total	Day of month																														
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
ATLANTIC CITY W8 R	4.33	.01					.50	.02			.10	1.34	T										.38	.30				.23	.03	.20	.00	
AUDUBON	4.23						1.21	.14			T	.61	T								T		T	.28	T			.24	1.13	.62	T	
BASS RIVER ST FOREST	4.17	.24					.77	.05				1.10	.08										.05						.08	.22	.02	
BELLERLAIN	4.06						.78	.10				1.51											.05	1.00				.04	1.06	.00	.50	
BELMAR	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
BELVIDERE	0.03						1.21	.18	T			.60	.23								.00		.42	.00				.00	1.31	.42	.28	
BERLIN 1 W	5.35						.70					.85	.00											.50					1.05	.15	.00	
BLACKWELLS MILLS	0.30	.50						2.11	.12			.54	.18	.02							.02		.01	.18		.07			.96	.70	.63	
BOONTON 2 SE	0.85	.33					.03	1.81	.11			.80	.19								.07		.23	.83	.04				1.09	.52	.00	
BOUND BROOK 1 W	5.78	.42						1.81	.05			.57	.05								T		T	.33				T	1.40	.25	.81	
BRANCHVILLE	0.53	.15					T	1.72	.21			.03	.36								.20		.32	.50					1.51	.07	.36	
BRIDGETON 1 NE	3.05	.45						.00	.03			.85												.00					.95	.05	1.20	
BURLINGTON	4.55	.05					1.40	.13		T		.57	.14								.05		.03	.27				.23	1.23	.01	.44	
CANISTEAR RESERVOIR	0.51	.23					.24	1.45	.25			.80	.56								.05		.25	.78					.80	.56	.50	
CANOE BROOK	7.51	.45					.30	1.73	.10			.70	.20								T			1.02	.04				1.34	.00	.64	
CANTON	3.81	.51					.00	.51				.72	.01									.05	.01	.42				.02	1.00	.01	.40	
CAPE MAY 3 W	5.84	.04					*	1.48				2.24	.03										.00	.74	.04				.77	*	.44	
CEDAR GROVE	8.47	.40						1.57	1.00			.00	.23											.85					1.22	.70	.00	
CHARLOTTEBURG	7.02	.30					T	1.00	.19			1.12	.55								.11		.18	.80					.79	.46	.74	
CHATHAM	7.38	.48						2.10	.17			.72	.22	.02							T		T	.08	.04				1.25	.00	.54	
CHATSWORTH 5 S	4.40	.13					.81	.21				.03	.03										.02	.80					1.10	.00	.08	
CLAYTON	0.58	.36					.94	.51		T		.63	T								T	T	T	1.14	.04			.17	1.31	.05	1.43	
CLINTON	0.70	.00					1.70	.31				.98	.04								*	*	*	*				*	2.28	.88	.43	
DEEPWATER	4.15						1.03	.00			.15	.46										.02	.22					.43	.01	.23	.01	
ELIZABETH	0.01	.00					1.80	.20				.00	.03								.00		.07	.05					.01	1.07	.03	.80	
ELIZABETHPORT	0.20	.03					1.70	.24			.01	.63	T								.02		.00	.83				.12	1.34	.87	.03	
ESSEX FELLS SERV BLDG	0.30	.25						1.02				.82	.20											.54					.80	1.40	.07	
FLEMINGTON 1 NE	0.20						1.70	.58	T			.07	.07								.02	T	.18	.10		T		.20	1.00	.00	.21	
FORTESCUE	5.11	.70					.17	.33				1.10	.05									.03		1.20					.80	.30	.35	
FREEHOLD	5.68	.08					1.53	.00				.50	.06								.03	.07	.02	.04				.00	1.17		1.00	
GREENWOOD LAKE	0.50	.28						1.70	.24			.05	.54								.05		.30	.00	.05				.48	.68	.70	
HAMMONTON 2 NNE	5.43	.71					.50	.24				.74	.03	.01								.03		.73	.03	.05			1.04	.50	.07	
HIGH POINT PARK	-	-						1.05	.00			.50	.57									.03	.15	.07					1.19	.04	.74	
HIGHTSTOWN 1 N	5.18	.03					1.82	.05				.43	.05		T						T		.01	.50	T			.18	1.10	T	1.01	
INDIAN MILLS 2 W	4.73	.04					.02	.10				.75	.01								.02		T	.73	T			.12	1.20	.15	.03	
IRVINGTON	0.45	.01					1.50	.20				.08											.00	.64				.17	1.01	.86	.02	
JERSEY CITY	7.26	.05					1.87	.31				1.78									.02		.00	.47				.00	1.59	.99	.05	
LAMBERTVILLE	5.78	.00					1.71	.30		T		.73	T								.04		.15	.22	.01			.18	1.64		.74	
LAURELTON 1 E	5.00	.04					1.05	.10		.01	T	.05									T		.42	.00				.29	1.07	.00	.04	
LAYTON 3 NW	5.40						1.35	.30				.03	.05								.13	.05	.10	.00					1.30	.30	.10	
LEESBURG STATE FARM	4.30	.13					.54	.02				1.33	.03										.02	1.05					.95	.01	.22	
LITTLE FALLS 1 E	0.07	.37					.35	1.40	.14			.06	.25								.05		.01	.78	.02				1.12	.42	.76	
LONG BRANCH	5.80	.02					1.34	.15	T		T	.05	.01								T	.02	.44	1.05				.15	.07	.98	.02	
LONG VALLEY	0.57						1.00	.37				.85	.18								.00		.25	.05				.28	.08	1.02		
MACOPIN INTAKE	7.28	.28					T	2.22	.10			1.10	.10	.01							.00		.33	.70					1.07	.20	.89	
MAHWAH	0.71	.30						2.02	.30			.03	.31								.04	.01	.01	.86	.01				.76	.44	.72	
MANVILLE	0.78						2.00	.40				.80	.02											.31				.45	1.60	1.10	.10	
MARLTON 1 W	4.00	.00					1.00	.07				.50									.05		.02	.13				.08	1.20	T	.60	
MAYS LANDING	4.61	.05					.88	.04				1.00	.17										.20	.64				.05	1.10		.46	
MIOLANO PARK	0.78	.01					1.03	.32				1.57	.01								.00		.04	.75				.15	1.24	.65	.03	
MILLVILLE	4.53						.74	.05		T	.30	.84											.22	.82				.48	.67	.31		
MILTON	0.46	.28						1.21	.40			.71	.40								.08		.22	.00					1.32	.12	.73	
MOORESTOWN	4.24	.52						1.25				.40									.04	.08	.03	.24	.01				1.14	.11	.42	
MORRIS PLAINS	7.26	.40					.14	2.02	.13	T		.72	.10	T							.00		.18	.80	.03	T		T	1.27	.46	.74	
NEWARK W8 AIRPORT R	0.41	.03		T			1.85	.25	T		T	.70	T				T				.03		.04	.00	T			.15	1.89	.82	.01	
NEW BRUNSWICK EXP STA	5.97	.10					2.00	.25	T			.37	.08								.02		T	.58	T			.02	1.68	.04	.83	
NEW MILFORD	0.72						1.70	.44				1.20									.00			.50				.07	1.57	1.00	.04	
NEWTON	0.53	.18					.21	1.30	.13			.02	.51								.08	T	.30	.94					1.53	.26	.50	
OAK RIDGE RESERVOIR	0.55	.20					.03	1.00	.21			1.00	.36								.05		.26	.00	.04				1.05		.71	
OLDWICK	0.94	.30					.10	1.98	.12			.80	.14	T							.00		.18	.38		.03		T	1.27	.50	.87	
ORANGE	7.14	.20					1.40	.38	.04			.64	.20								.01			.03				2.10	.02	.85		
PATERSON	7.18	.30					.00	1.00	.20			.05	.07				T				.03		T	1.05	.03				1.20	.53	.75	
PEMBERTON 3 E	4.09	.07					1.01	.10				.66	.12								.04		.01	.82				.07	1.10		.00	
PHILLIPSBURG	0.39	.11					1.33	.55		T		.80	.03								.11	.11	.59	.43	T			T	1.65	.05	.03	
PHILLIPSBURG BRIDGE	5.06	.20						1.72	T			.71									.20		.34	.00					1.51		.08	
PLAINFIELD	0.31						1.85	.11	T			.05	T								.01		T	.78	T			.22	1.47	.02		
PLEASANT RUN	0.70	.47					.42	1.53	.03			.07	.00	.12							.00		.20	.22	.08			.07	1.38	.52	.84	
PLEASANTVILLE 1 N	5.33	.05						.71	.02			1.24	.04											.03	.13				.67	.84	.50	
PRINCETON WATER WORKS	5.40	.05					2.20	.08				.35											.18	.05				.26	1.40	.88	.01	
RAHWAY	0.35						1.82	.18			T	.45	.04								.02		.17	1.13				.20	1.52	.70	.12	
RIDGEFIELD	0.87	.02					2.07	.04			T	1.10	T								.03		.08	.02				.00	1.85	.00	.11	
RINGWOOD	0.31	.21					.27	1.66	.05			1.05	.27								.02		.22	.05					1.00	.02	.59	
RUNYON	5.40	.10					1.02	.10				.42	.14											.40					1.42		.00	
SANDY HOOK LBSTA		RECORD MISSING																														
SOMERVILLE	5.80	.03					2.03	.23				.07	.04								.02		.01	.42				.11	1.51	.20	.83	
SPLIT ROCK POND	0.74	.40						2.00	.10			1.01	.20								.00		.10	.80					1.03	.18	.75	
SUSSEX 3 N	0.77	.10						1.45	.28			.01	.70	T							.23		.15	.01	.01				.88	.45	.77	
SWEDESBORO 5 NW	5.17	.10	T				.05	.84	.01			.58	.01									.02	.01	.42		T		T	1.97	.01	.58	
TOMS RIVER	5.08						1.08	.21				1.03	.10											.92				.01	1.78	.08	.87	
TRENTON 2	0.80						*	2.80				.03	.04								.06		.16	.04				.34	1.51	1.14	.11	
TRENTON W8 CITY R	5.77	.02					2.23	.14	T		T	.40	.03								.05		.00	.07				.20	1.32	1.10		
TUCKERTON	0.47						.00	.50				1.30											.20	.77					1.20	1.10	.80	
VINELAND	5.00	.70					.10	.64	.04			.75	.04											1.01	.00				.88	.62	.70	
WANAQUE RAYMOND DAM	0.02	.20					.01	2.14	.10			.08	.32								.05		.21	.66					.00	.52	.67	
WERTSVILLE	0.02	.52	T				T	1.87	.02	T		.68	.09								T		.18	.15	.01	T		T	1.29	.48	.61	
WESTFIELD	0.98	.04					2.01				.02	.88	.03								.03		.07	1.22	.01			.20	1.00	.05	.02	
WOODCLIFF LAKE	0.38						1.00	.30				1.46									.04			.66				.10	1.24	.00	.02	
WOODSTOWN	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-						.14	.03	.47	T			.10	1.25		.57	

See Reference Notes Following Station Index

DAILY TEMPERATURES

Station		Day Of Month																													Average
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
ATLANTIC CITY W8	MAX	53	59	49	49	51	50	61	54	52	45	43	48	65	70	63	55	60	60	66	60	57	58	72	61	68	64	51	56	60	61		57.4
	MIN	41	38	37	40	41	44	46	38	32	39	39	38	40	45	48	45	46	47	50	50	52	50	49	51	57	47	49	50	53	48		45.0
AUDUBON	MAX	53	58	58	61	62	57	59	52	52	54	44	48	65	69	75	68	72	77	81	82	78	70	76	75	67	62	55	65	77	62		64.5
	MIN	40	39	34	32	33	45	45	36	30	33	35	38	39	36	43	44	42	44	47	53	61	57	56	50	52	40	46	47	54	46		43.2
BELLEPLAIN	MAX	56	58	56	58	57	55	63	58	53	50	50	48	63	70	76	65	69	73	74	81	79	66	76	73	67	65	62	68	75	71		64.5
	MIN	34	35	31	28	30	43	48	28	30	30	40	34	37	35	40	38	40	41	42	45	57	56	52	43	55	40	42	47	54	52		40.9
BELVIDERE	MAX	54	56	59	62	64	60	53	46	54	59	52	50	65	67	74	70	76	81	82	86	81	73	75	74	70	64	58	52	71	63		65.0
	MIN	38	36	31	30	32	42	42	35	26	29	36	36	34	31	35	40	34	41	45	55	56	59	57	45	47	39	41	40	46	42		40.0
BOONTON 2 SE	MAX	42	50	55	55	63	61	51	55	47	50	59	40	47	62	68	74	65	72	76	81	78	78	68	73	74	73	59	52	55	77		61.9
	MIN	38	37	36	33	29	42	42	36	27	28	32	34	39	41	36	40	35	39	47	51	49	56	55	41	50	44	44	42	43	43		40.3
BRIDGETON 1 NE	MAX	45	52	58	57			57	60	54	51	54			63	69	72	67	72		77	81	77	68	73	75		65	56	68	74		64.4
	MIN	39	35	32	29	35			36	29	30	37			38	42	43	40	41		44	57	57	54	54	56	36		48	54	50		42.3
BURLINGTON	MAX															75	67	72	77	81	84	81	72	76	77	71	65	60	64	78	74		
	MIN	39	38	37	32	33	43	47	38	29	32	37	37	39	36	45	47	43	46	49	62	62	60	56	49	55	43	46	46	53	47		44.2
CANOE BROOK	MAX	42	50	56	55	59	64	53	55	46	50	56	39	52	62	67	74	64	68	76	76	75	81	71	74	75	67	60	52	54	76		61.6
	MIN	38	37	39	34	35	43	45	37	28	26	34	35	33	29	31	34	32	37	46	51	46	57	55	40	52	45	43	43	47	45		39.9
CAPE MAY 3 W	MAX	50	51	55				55	55	54	50	46	50	59	67	65	61	67	68	72	70	68	60	69	64	62	62	60	62	64	60		60.2
	MIN	39	40	42				35	30	34	35	41	40	44	45	47	46	45	46	45	46	50	51	50	46	53	47	49	49	52	52		44.7
CHARLOTTERURG	MAX	40	49	54	54	59	61	51	53	44	48	57	37	43	61	67	72	64	70	76	80	77	78	69	72	73	65	57	49	54	71		60.2
	MIN	35	34	34	29	24	36	39	33	24	26	32	33	35	33	30	31	30	33	39	39	45	54	54	37	48	39	40	39	41	40		36.2
CHATSWORTH 5 S	MAX	54	58	54	60	60	55	60	54	52	51	44	46	64	69	74	66	69	73	78	79	82	75	75	73	68	65	64	63	73	70		64.3
	MIN	38	34	38	31	32	48	49	33	29	31	35	37	35	33	45	41	40	42	47	50	55	57	53	46	48	39	39	43	53	48		41.6
CLAYTON	MAX	52	52	57	60	60	55	60	51	52	51	48	47	64	69	75	69	74	77	80	82	78	68	76	74	73	65	59	67	75	70		64.7
	MIN	39	36	31	34	32	45	48	34	29	33	35	36	38	36	44	41	44	45	44	52	61	52	52	48	42	41	44	47	56	48		42.2
ELIZABETH	MAX	52	61	60	64	64	57	59	50	54	58	50	48	65	70	75	67	69	74	80	74	80	74	65	73	73	69	59	56	77	74		65.0
	MIN	39	37	39	32	32	42	47	36	28	30	33	36	38	35	39	43	38	42	45	51	52	58	54	44	52	42	46	44	46	44		41.5
ESSEX FELLS SERV BLDG	MAX	44	51	50	47	50	56	48	56	48	48	56	40	50	62	68	70	66	68	76	76	74	78	72	70	73	66	64	60	55	71		60.4
	MIN	38	40	42	40	42	40	40	38	26	32	34	38	40	44	42	42	40	44	50	52	50	53	50	44	50	42	45	51	48	46		42.8
FLEMINGTON 1 NE	MAX	53	55	58	62	63	59	59	47	52	57	48	47	63	69	74	65	70	76	80	78	78	72	76	75	68	61	53	58	76	63		63.8
	MIN	36	36	31	24	27	42	44	35	27	26	33	35	39	29	33	33	33	36	50	50	50	50	51	41	51	44	40	42	41	48		38.6
FREEHOLD	MAX	52	57	53	55	62	54	59	51	51	54	44	47	62	69	72	64	68	73	78	79	78	68	73	73	73	66	58	61	76	71		63.4
	MIN	38	35	34	29	33	40	46	39	27	30	37	35	37	39	42	42	35	39	46	50	56	57	52	46	52	38	44	44	50	45		41.2
HAMMONTON 2 NNE	MAX	43	52	58	57	62	64	55	62	62	53	55	41	63	65	71	76	69	73	76	78	84	74	67	75	78	67	64	58	68	76		64.9
	MIN	38	38	37	33	32	31	45	49	42	30	32	38	36	38	39	44	41	39	41	46	52	42	58	54	47	55	41	41	47	55		42.0
HIGH POINT PARK	MAX	39	44	45	46	52	54	54	42	35	41	50	34	44	53		65	62	69	75	82	74	73	68	68	68	58	52	54	44	78		56.0
	MIN	32	29	31	32	30	32	32	28	16	24	29	30	32	39		41	44	50	50	52	50	50	52	45	43	34	33	34	38	34		36.8
HIGHTSTOWN 1 N	MAX	52	57	55	57	61	57	58	50	51	55	46	46	63	68	73	63	68	75	80	80	77	70	73	75	69	62	55	58	77	72		63.4
	MIN	39	36	35	30	31	42	47	35	28	30	37	35	38	38	39	41	38	40	46	50	59	59	53	45	52	39	44	44	49	44		41.4
INDIAN MILLS 2 W	MAX	52	58	57	60	61	55	60	52	50	54	43	46	64	70	75	67	73	77	83	85	78	68	75	77	67	62	52	66	77	62		64.2
	MIN	39	34	29	27	28	41	45	35	28	27	37	36	38	31	38	39	37	37	41	50	62	58	54	44	54	35	45	46	54	46		40.5
JERSEY CITY	MAX	48	53	53	54	54	50	55	45	50	50	42	47	63	66	68	60	61	66	74	65	70	63	68	64	68	59	50	53	63	60		58.1
	MIN	37	38	38	36	38	43	42	36	28	36	37	36	40	47	51	45	44	47	54	56	56	53	53	50	48	46	45	45	46	45		43.9
LAMBERTVILLE	MAX	53	56	57	61	61	56	60	50	52	57	52	50	65	68	73	69	74	76	80	81	78	73	75	75	70	66	59	58	75	68		64.9
	MIN	39	37	31	29	31	44	45	36	28	29	38	35	37	31	36	38	36	38	45	52	51	59	55	45	52	37	44	44	50	44		40.5
LAURELTON 1 E	MAX	54	62	52	53	58	53	60	53	55	52	41	49	69	72	71	60	66	69	75	69	75	66	74	68	70	65	51	61	70	64		61.9
	MIN	38	36	32	26	26	42	42	37	28	26	36	36	36	33	39	38	35	37	46	48	57	51	47	42	43	35	45	46	52	39		39.1
LAYTON 3 NW	MAX	50	55	56	60	63	55	53	45	50	50	50	45	53	67	74	69	78	80	83	80	79	78	76	72	70	58	53	50	60			62.5
	MIN	36	35	27	19	20	37	40	34	23	19	33	33	25	25	28	31	30	33	33	46	46	58	50	43	48	33	37	40	36			34.4
LEESBURG STATE FARM	MAX	53	58	58	57	54	56	59	60	54	49	49	47	64	69	67	69	69	67	68	76	75	69	73	74	69	65	64	65	67	67		63.0
	MIN	37	35	31	31	28	42	45	37	30	29	38	37	38	33	39	42	42	47	38	39	56	55	53	54	40	38	42	47	55	48		40.9
LITTLE FALLS 1 E	MAX	45	52	59	57	61	64	53	56	48	53	58	41	51	66	70	75	66	73	77	83	75	82	75	76	76	70	63	54	56	77		63.7
	MIN	38	36	37	30	32	42	43	37	28	30	32	36	41	38	38	40	39	42	44	51	50	56	56	43	52	45	45	42	44	44		41.0
LONG BRANCH	MAX	50	54	52	50	55	55	58	48	50	48	41	47	62	67	68	55	62	66	69	66	72	65	67	69	67	60	50	60	67	59		58.6
	MIN	39	38	39	33	32	42	40	38	30	32	37	36	40	41	46	44	44	45	50	52	53	50	50	48	48	44	45	45	50	45		42.5
LONG VALLEY	MAX	50	54	55	61	62	52	54	46	50	56	48	45	62	69	72	66	72	76	80	79	76	72	70	72	69	65	57	56	72	68		62.9
	MIN	37	32	33	25	25	40	42	32	25	28	33	35	31	28	41	42	31	36	46	49	47	57	56	46	49	34	42	41	48	39		38.3
MILLVILLE	MAX	45	53	58	57	59	60	55	62	56	52	55	44	51	64	70	75	69	73	76	79	83	76	67	76	75	67	65	56	67	75		64.0
	MIN	39	37	34	32	32	45	49	39	31	32	40	38	39	36	42	43	43	43	48	53	59	58	54	48	56	44	48	48	55	51		43.9
MOORESTOWN	MAX	53	57	57	62	61	57	59	50	52	55	42	47	63	68	74	67	72	77	80	82	79	68	74	76	66	61	50	65	76	62		63.7
	MIN	39	37	35	31	33	44	48	37	29	31	37	37			43	42	40	42	49	54	60	60	55	47	45	38	47	50	55	46		43.3
MORRIS PLAINS	MAX	41	51	55	55	60	61	50	55	46	51	58	40	52	63	67	73	64	70	77	81	79	78	68	73	74	67	60	50	54	73		61.5
	MIN	36	36	36	33	28	40	41	35	26	28	32	33	38	32	35	36	32	36	50	49	46	56	54	40	50	41	43	41	43	42		38.9
NEWARK W8 AIRPORT	MAX	51	57	56	55	60	55	58	48	54	54	43	48	65	69	73	62	68	71	77	66	81	72	75	71	70	62	52	58	78	62		62.2
	MIN	39	39	40	37	37	44	41	37	30	36	34	37	41	43	47	46	44	47	50	54	53	53	54	49	51	46	46	46	47	47		43.8
NEW BRUNSWICK EXP STA	MAX	51	56	55	57	60	59	60	48	52	54	50	47	64	68	72	67	67	75	79	76	78	73	74	75	73	67	60	55	76	74		64.1
	MIN	38	37	36	32	33	43	46	36	27	30	35	35	38	38	41	43	39	42	45	52	52	59	53	45	52	41	45	43	47	45		41.6
NEWTON	MAX	40	49	53	54	58	62	59	53	44	49	58	38	45	61	67	73	67	76	79	81	80	80	70	71	74	65	58	51	47	71		61.1
	MIN	36	35	32	25	26	40	40	35	25	26	33	33	37	31	31	34	31	35	42	51	56	58	55	39	49	41	41	40	41	40		37.0
PATERSON	MAX	42	51	56	55	62	66	53	55	47	52	58	46	51	64	69	75	65	72	79	82	74	83	74	74	75	69	61	53	54	75		63.1
	MIN	39	38	39	35	36	43	45	36	26	33	33	34	40	45	45	42	41	45	49	58	51	56	55	46	52	41	45	43	44	44		42.6
PEMBERTON 3 E	MAX	54	59	56	59	63	56	60	51	51	56	46	47	65	69	75	67	70	76	80	82	78	72	76	77	72	62	57	66	77	73		65.1
	MIN	37	34	34	28	31	42	48	37	28	29	37	36	35	32	39	42	40	40	43	50	50	58	54	43	52	38	38	45	54	46		40.7
PHILLIPSBURG	MAX	54	57	56	59	62	64	59	51	50	57	57	47	63	69	73	74	74	78	81	81	79	77	74	71	74	65	62	53	72	73		65.5
	MIN	40	38	31	30	33	42	46	35	27	30	36	37	39	32	35	40	36	41	46	60	57	59	45	43	50	42	44	43	50	43		41.0
PLAINFIELD	MAX	55	60	58	60	64	54	59	49	54	58	39	48	65	69	75	64	68	76	81	77	80	70	77	77	70	65	52	56	77	63		64.0
	MIN	38	38	35	30	30	37	45	35	27	29	34	35	35	34	37	42	39	40	46	51	50	60	54	44	52	39	45	44	46	45		40.5
PLEASANTVILLE 1 N	MAX	43	52	58	53	54	54	52	62	54	54	50	43	47	65	70	69	69	66	66	72	68	65	61	76	67	67	65	54	60	62		59.9
	MIN	38	35	32	28	27	43	46	36	29	30	34	34	36	34	35	39	41	41	43	50	53	52	50	42	52	38	46	48	52	48		40.4

See reference notes following Station Index.

DAILY TEMPERATURES

Station		Day Of Month																													Average
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
RIDGEFIELD	MAX	50	54	58	62	64	54	55	49	53	60	44	49	65	70	76	67	75	77	83	73	81	72	69	74	71	62	55	55	70	63		63.7
	MIN	38	37	39	32	33	43	40	35	29	30	34	36	38	38	43	45	41	44	46	53	53	55	50	45	48	45	45	44	46	45		41.7
RUNYON	MAX	54	60	59	61	59	50	61	56	55	56	58	48	68	71	76	71	71	74	82	79	81	73	75	76	79	75	68	65	79	75		67.2
	MIN	30	35	34	26	22	32	36	36	28	28	32	34	38	38	42	40	32	33	38	38	40	49	50	39	38	33	40	39	48	48		36.5
SANDY HOOK L8STA	MAX																																
	MIN																																
SOMERVILLE	MAX	53	57	57	60	62	54	60	47	52	50	47	47	64	68	73	63	68	75	79	78	79	71	75	75	68	62	59	57	76	61		63.2
	MIN	39	36	33	29	29	43	42	36	27	36	36	35	37	31	35	37	36	38	47	47	45	59	55	42	51	39	45	43	48	43		40.0
SUSSEX 3 N	MAX	40	48	53	55	58	62	46	50	44	48	52	36	45	60	66	75	68	75	78	80	79	78	69	71	73	64	59	50	47	66		59.8
	MIN	34	33	31	25	25	30	39	32	23	24	28	30	32	32	33	36	33	38	40	49	54	56	53	38	44	35	38	38	38	38		36.0
TRENTON 2	MAX	52	57	58	62	62		57	53	54	57	43	48	65	70	75	66	72	77	80	81	80	70	75	77	67	61	52	59	78	63		64.5
	MIN	39	36	37	33	34	44		35	28	34	37	36	39	39	42	43	40	45	53	54	60	58	55	48	53	42	45	45	50	45		43.1
TRENTON W8 CITY	MAX	51	57	55	60	61	56	59	50	51	54	42	47	65	69	76	65	70	75	81	83	80	68	76	76	67	60	52	60	76	60		63.4
	MIN	39	38	38	36	37	45	42	37	28	38	36	38	41	43	46	44	44	48	55	57	61	54	54	53	53	45	44	45	49	46		44.5
TUCKERTON	MAX	55	60	55	53	55	53	61	55	53	50	43	48	66	70	68	62	65	66	74	70	67	61	75	72	67	66	53	59	65	62		61.0
	MIN	39	34	31	25	25	42	48	35	28	28	32	34	38	30	43	34	39	37	43	49	54	53	49	39	53	33	44	48	51	47		39.5
WOODSTOWN	MAX																73	73	76	80	82	78	75	76	74	70	65	59	66	78	75		
	MIN																	42	40	43	53	61	58	56	46	53	37	47	47	57	48		

EVAPORATION AND WIND

Station		Day of month																													Total or Avg.
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
PLEASANTVILLE 1 N	EVAP	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	.13	.07	.13	.11	.05	.03	.02	-	.12	.19	.29	*	*	.41	.19		-
	WIND	-	117	65	30	26	50	66	17	85	106	82	56	65	59	53	16	40	30	30	49	135	31	20	14	52	47	39	76	36	85		B1631

DAILY SOIL TEMPERATURES

Station And Depth		Day of month																															Average
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
NEW BRUNSWICK EXP STATION																																	
MEASURED UNDER SOD																																	
1 INCH	MAX	47	49	47	50	53	50	51	47	50	-	-	-	-	-	60	-	59	62	66	67	64	62	61	62	62	62	54	53	61	60		55.8
	MIN	40	38	39	37	38	43	43	41	36	38	-	-	-	-	45	-	44	48	50	53	54	57	54	53	54	51	50	50	51	53		47.7
2 INCHES	MAX	45	47	46	48	50	48	50	46	48	-	-	-	-	-	57	-	56	59	62	62	62	61	59	59	61	60	53	53	59	58		53.6
	MIN	40	39	40	38	39	43	44	42	38	39	-	-	-	-	46	-	45	48	50	54	54	57	55	54	55	52	50	51	52	54		46.4
4 INCHES	MAX	45	47	46	48	49	48	50	46	47	-	-	-	-	-	57	-	56	58	61	61	61	60	59	59	60	58	53	53	58	58		53.2
	MIN	40	39	40	39	39	43	44	42	39	39	-	-	-	-	46	-	45	48	50	54	54	57	56	54	55	53	50	51	52	54		46.6
8 INCHES	MAX	42	43	43	43	45	46	47	45	43	-	-	-	-	-	51	-	52	53	55	56	57	57	56	57	57	56	55	53	56	56		50.1
	MIN	40	40	41	40	41	42	45	43	41	-	-	-	-	-	46	-	48	49	51	52	54	56	55	54	55	54	53	52	52	55		47.4
16 INCHES	MAX	42	41	42	42	43	43	45	45	43	-	-	-	-	-	48	48	48	50	52	52	54	54	54	55	55	54	54	53	54	54		48.0
	MIN	40	40	41	41	41	42	43	43	42	-	-	-	-	-	45	46	47	48	49	50	52	53	53	53	54	53	53	52	52	53		46.5
32 INCHES	MAX	40	40	41	41	41	42	42	43	43	-	-	-	-	-	45	45	46	47	48	48	49	50	51	51	52	52	52	52	52	52		45.8
	MIN	40	40	40	40	40	41	41	42	42	-	-	-	-	-	44	44	45	46	47	47	48	49	50	50	51	51	51	51	51	51		44.9

Measured under Kentucky Bluegrass. Instrumentation: Copper-constantan Thermocouples connected to a Brown Electronik Potentiometer.

See reference notes following Station Index.

SNOWFALL AND SNOW ON GROUND

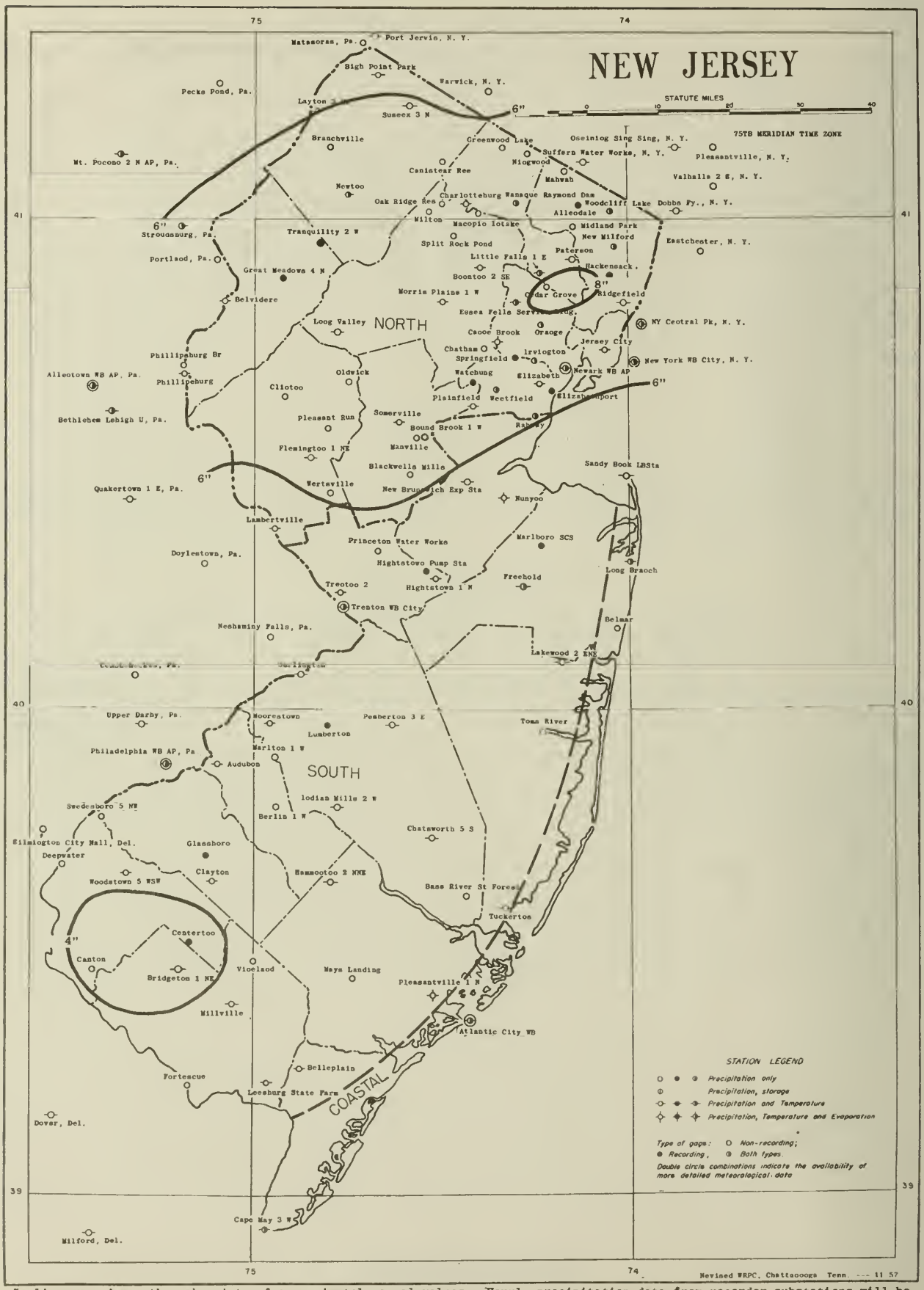
Station		Day of month																												
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
CHARLOTTEBURG	SNOWFALL											2.0																			
	SN ON GND											2	1																		
CLAYTON	SNOWFALL																														
	SN ON GND									T																					
FLEMINGTON 1 NE	SNOWFALL																														
	SN ON GND											T	T																		
LAMBERTVILLE	SNOWFALL																														
	SN ON GND									T																					
LAURELTON 1 E	SNOWFALL																														
	SN ON GND									T																					
LAYTON 3 NW	SNOWFALL											2.0																			
	SN ON GND											T																			
MILLVILLE	SNOWFALL																														
	SN ON GND									T																					
MORRIS PLAINS	SNOWFALL																														
	SN ON GND									T		.5	T																T		
NEWARK WB AIRPORT	SNOWFALL	T										T	T																		
	SN ON GND											T																			
	WTR EQUIV																														
NEW BRUNSWICK EXP STA	SNOWFALL								T																						
	SN ON GND																														
PATERSON	SNOWFALL																														
	SN ON GND											.3	T																		
PHILLIPSBURG	SNOWFALL																														
	SN ON GND									T																					
RAHWAY	SNOWFALL																														
	SN ON GND											T																			
RIDGEFIELD	SNOWFALL																														
	SN ON GND											1.0																			

SUPPLEMENTAL DATA

Station	Wind direction		Wind speed m. p. h.				Relative humidity averages - percent				Number of days with precipitation							Percent of possible sunshine	Average sky cover sunrise to sunset
	Prevailing	Percent of time from prevailing	Average	Fastest mile	Direction of fastest mile	Date of fastest mile	1:00 a EST	7:00 a EST	1:00 p EST	7:00 p EST	Trace	.01–.09	.10–.49	.50–.99	1.00–1.99	2.00 and over	Total		
ATLANTIC CITY WB CITY	-	-	17.0	64	NE	11	-	-	-	-	1	3	S	2	1	0	12	S8	6.0
LONG BRANCH	NW	20	14.4	48	NE	11	-	76	S8ø	60	3	4	3	3	2	0	1S	64	6.0
NEWARK WB AIRPORT	WNW	11	10.8	30++	SSW	29	71	70	SO	S8	6	4	2	3	2	0	17	-	6.3
TRENTON WB CITY	-	-	10.2	33	S	29	-	-	-	-	2	S	3	0	2	1	13	65	5.8
ø 12:00 Noon																			

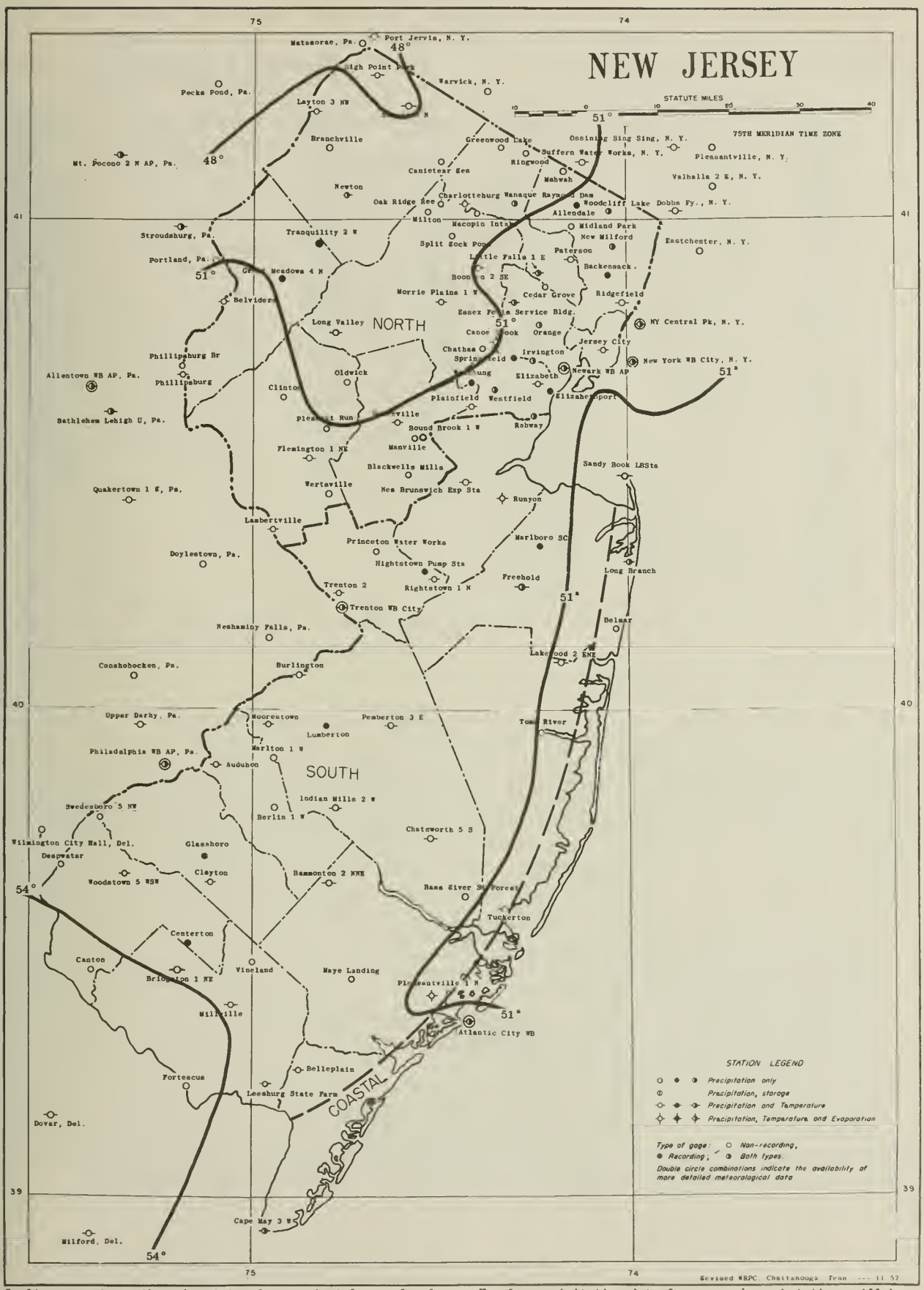
See reference notes following Station Index.

TOTAL PRECIPITATION



Isolines are drawn through points of approximately equal values. Hourly precipitation data from recorder substations will be available in the publication "Hourly Precipitation Data".

AVERAGE TEMPERATURE



Isolines are drawn through points of approximately equal values. Hourly precipitation data from recorder substations will be available in the publication "Hourly Precipitation Data".

STATION INDEX

STATION	INDEX NO.	COUNTY	DRAINAGE ‡	LATITUDE	LONGITUDE	ELEVATION	OBSERVATION TIME AND TABLES: TEMP.	PRECIP.	EVAP.	SPECIAL (SEE NOTES)	OBSERVER
ALLENDALE	0100	BERGEN	8	41 02	74 08	270				C	BERGEN COUNTY ENGS
# ATLANTIC CITY WB	0325	ATLANTIC	1	39 22	74 25	8	M10	M10		C HJ	U.S. WEATHER BUREAU
AUDUBON	0346	CAMDEN	2	39 54	75 04	50	11P	11P			IRVIN J. NYGREN
BASS RIVER ST FOREST	0528	BURLINGTON	1	39 37	74 26	20		6P		H	N.Y. FORESTRY SVC
BELLEPLAIN	0690	CAPE MAY	1	39 16	74 52	49	5P	5P			MRS. EO C. HOFFMAN
BELMAR	0721	MONMOUTH	1	40 10	74 02	19		M10			CITY WATER DEPT
BELVIDERE	0729	WARREN	2	40 50	75 05	289	5P	5P		H	MISS C. S. MIXSON
BERLIN 1 W	0787	CAMDEN	7	39 48	74 57	150		7A			SAMUEL H. MC CULLEY
BLACKWELLS MILLS	0847	SOMERSET	10	40 29	74 33	27		7A			HENRY M. MILLER
BOONTON 2 SE	0907	MORRIS	8	40 54	74 24	280	8A	8A			JERSEY CITY WTR WKS
BOUND BROOK 1 W	0927	SOMERSET	10	40 33	74 33	20		8A			AMERICAN CYANAMID CO
BRANCHVILLE	0978	SUSSEX	2	41 09	74 47	570		7A			ALBERT M. DAVENPORT
BRIDGETON 1 NE	1028	CUMBERLAND	2	39 28	75 12	114	9A	9A			RADIO STATION WSNJ
BURLINGTON	1211	BURLINGTON	2	40 04	74 53	12	6P	6P			PUBLIC SVC E + G CO
CANISTEAR RESERVOIR	1327	SUSSEX	8	41 07	74 30	1040		8A			NEWARK WATER DEPT
CANOE BROOK	1335	ESSEX	8	40 45	74 21	180	9A	9A	9A		COMMONWEALTH WTR CO
CANTON	1343	SALEM	2	39 28	75 25	20		9A			GERTRUDE S. WILLIS
CAPE MAY 3 W	1351	CAPE MAY	1	38 56	74 57	17	5P	5P		C	N.WEST WAGNESITE CO
CEDAR GROVE	1472	ESSEX	8	40 52	74 13	400		8A			J. A. PLUNKETT
CENTERTON	1512	SALEM	6	39 31	75 10	80				C	JOHN HOPKINS UNI.
CHARLOTTEBURG	1582	PASSAIC	8	41 03	74 26	760	7A	7A		H	NEWARK WATER DEPT
CHATHAM	1590	MORRIS	8	40 44	74 23	185		8A			EDWARD P. MOLITOR
CHATSWORTH 5 S	1598	BURLINGTON	1	39 44	74 32	90	5P	5P			WILLIAM S. HAINES
CLAYTON	1708	GLOUCESTER	6	39 39	75 06	120	6P	6P		H	HARRY P. CAMPBELL
CLINTON	1749	HUNTERDON	10	40 38	74 55	300		6P			L. W. KLOCKNER
DEEPWATER	2209	SALEM	2	39 41	75 30	12		M10			DU PONT DE NEMOURS
ELIZABETH	2644	UNION	1	40 40	74 14	33	5P	5P			UNION CO PARK COMM
ELIZABETHPORT	2652	UNION	8	40 39	74 12	30		M10		C	SEWAGE TREATMENT PL
ESSEX FELLS SERV BLDG	2768	ESSEX	8	40 50	74 18	250	8A	8A		C	BOROUGH ESSEX FELLS
FLEMINGTON 1 NE	3029	HUNTERDON	10	40 31	74 51	134	5P	5P		H	DONALD YOUNG
FORTESCUE	3102	CUMBERLAND	2	39 14	75 10	5		7A			JOHN LOPER
FREEHOLD	3181	MONMOUTH	10	40 15	74 17	194	6P	6P		C H	FRANK J. MOREAU
GLASSBORO	3291	GLOUCESTER	2	39 42	75 07	150				C	PROF. J. B. SANGREE
GREAT MEADOWS 4 N	3418	WARREN	2	40 56	74 55	540				C	GAMMA CHEMICAL CORP.
GREENWOOD LAKE	3516	PASSAIC	8	41 09	74 20	660		7A			GEORGE T. WIGGINS
HACKENSACK	3572	BERGEN	4	40 53	74 03	10				C	BERGEN COUNTY ENGS
HAMMONTON 2 NNE	3662	ATLANTIC	7	39 39	74 48	85	8A	8A			W. HUBBARD PARKHURST
HIGH POINT PARK	3935	SUSSEX	2	41 18	74 40	1600	8A	8A			N. J. DEPT. OF CONS.
HIGHTSTOWN 1 N	3951	MERCER	10	40 16	74 31	100	8P	8P		H	JAMES R. PICKERING
HIGHTSTOWN PUMPING STA	3956	MERCER	10	40 17	74 32	75				C	DEPT WATER + SEWAGE
INDIAN MILLS 2 W	4229	BURLINGTON	7	39 48	74 47	100	7P	7P		H	EDWARD ENTWISTLE
IRVINGTON	4260	ESSEX	1	40 43	74 15	120		M10		C	JOINT MEETING GARAGE
JERSEY CITY	4339	HUDSON	1	40 44	74 04	135	M10	M10			JERSEY CITY WTR DEPT
LAMBERTVILLE	4635	HUNTERDON	2	40 22	74 57	75	6P	6P		H	E. E. CASE
LAURELTON 1 E	4700	OCEAN	1	40 04	74 07	20	M10	M10		C H	GEORGE G. WADDILL
LAYTON 3 NW	4735	SUSSEX	2	41 15	74 51	480	6P	6P		H	A. M. DEPUE
LEESBURG STATE FARM	4762	CUMBERLAND	6	39 14	74 58	10	4P	4P			LEESBURG STATE FARM
LITTLE FALLS 1 E	4887	PASSAIC	8	40 53	74 14	157	9A	9A		C H	PASSAIC VLY WTR COMM
LONG BRANCH	4987	MONMOUTH	1	40 18	73 59	34	M10	M10		C HJ	STORM WARN. OSPL STA
LONG VALLEY	5003	MORRIS	10	40 48	74 46	660	6P	6P		H	ARTHUR BARKMAN
LUMBERTON	5035	BURLINGTON	2	39 58	74 48	25				C	JAMES LAWTON
MACOPIN INTAKE	5071	PASSAIC	8	41 01	74 24	584		9A			NEWARK WATER DEPT
MAHWAH	5104	BERGEN	8	41 06	74 10	253		7A			ROBERT G. GLASGOW
MANVILLE	5197	SOMERSET	10	40 33	74 34	50		M10			JOHN L. RADCLIFFE
MARLBORO SCS	5244	MONMOUTH	1	40 20	74 14	120				C	GEROW BRILL

STATION	INDEX NO.	COUNTY	DRAINAGE ‡	LATITUDE	LONGITUDE	ELEVATION	OBSERVATION TIME AND TABLES: TEMP.	PRECIP.	EVAP.	SPECIAL (SEE NOTES)	OBSERVER
MARLTON 1 W	5252	BURLINGTON	2	39 54	74 57	90		6P			DAVID GRISCOM
MAYS LANDING	5346	ATLANTIC	3	39 27	74 44	50		5P		H	ELMER EARLE
MIDLAND PARK	5503	BERGEN	1	40 59	74 09	210		M10			RIDGEWOOD WATER CO.
MILLVILLE	5576	CUMBERLAND	6	39 24	75 03	60	8A	M10		C H	L. J. GALLAHER
MILTON	5597	MORRIS	8	41 01	74 32	950		7A			JERSEY CITY WTR WKS
MOORESTOWN	5728	BURLINGTON	2	39 58	74 58	55	M10	8A		H	M. J. WILLARD
MORRIS PLAINS	5769	MORRIS	8	40 50	74 30	500	8A	8A		H	JAMES C. LONG
NEWARK WB AIRPORT	6026	ESSEX	1	40 42	74 10	11	M10	M10		C HJ	U. S. WEATHER BUREAU
NEW BRUNSWICK EXP STA	6062	MIDDLESEX	10	40 28	74 26	80	5P	5P		GH	ARTNUR H. AHLQUIST
NEW MILFORD	6146	BERGEN	4	40 57	74 02	12		M10		C	HACKENSACK WATER CO
NEWTON	6177	SUSSEX	2	41 03	74 45	565	8A	8A		C H	NEWTON WTR SWR COMM
OAK RIDGE RESERVOIR	6460	PASSAIC	8	41 02	74 30	870		8A			NEWARK WATER DEPT
OLDWICK	6544	HUNTERDON	10	40 40	74 49	280		8A			DAN A. COUGHLIN
ORANGE	6560	ESSEX	8	40 47	74 14	140		M10		C	COUNTY ENGINEER
PATERSON	6775	PASSAIC	8	40 55	74 09	100	8A	8A		H	P. J. DEL VECCHIO
PEMBERTON 3 E	6843	BURLINGTON	2	39 58	74 38	60	5P	5P		H	CHARLES A. DOEHLERT
PHILLIPSBURG	6974	WARREN	2	40 41	75 12	182	3P	3P		H	SEWAGE DISPOSAL PLT
PHILLIPSBURG BRIDGE	6979	WARREN	2	40 42	75 12	196		9A			JOINT TOLL BRDGE COM
PLAINFIELD	7079	UNION	10	40 36	74 25	120	8P	8P		H	MRS VIVIAN SCHERER
PLEASANT RUN	7123	HUNTERDON	10	40 34	74 48	140		7A			JOHN H. MERRYMAN
PLEASANTVILLE 1 N	7131	ATLANTIC	1	39 25	74 31	8	8A	8A	8A		ATLANTIC CITY WTR WK
PRINCETON WATER WORKS	7328	MERCER	10	40 19	74 40	90		M10			PRINCETON WATER CO
RAHWAY	7393	UNION	9	40 36	74 15	20		M10		C H	RAHWAY VLY SWG AUTH
RIDGEFIELD	7545	BERGEN	4	40 50	74 01	80	M10	M10		H	GEORGE P. KIRSTEN
RINGWOOD	7587	PASSAIC	8	41 08	74 16	305		10A			NO JERSEY WTR SUPPLY
RUNYON	7825	MIDDLESEX	1	40 26	74 20	18	6P	6P	6P		N.J. WATER COMM
SANDY HOOK LBSTA	7869	MONMOUTH	1	40 28	74 01	22	7P	7P			U. S. COAST GUARD
SOMERVILLE	8194	SOMERSET	10	40 34	74 37	75	6P	6P		H	W. E. HAVER
SPLIT ROCK POND	8402	MORRIS	8	40 58	74 28	800		10A			JERSEY CITY O P W
SPRINGFIELD	8423	UNION	1	40 43	74 18	-				C	N.J. DEPT OF CONS
SUSSEX 3 N	8644	SUSSEX	5	41 14	74 35	530	7A	7A			BRICE B. STANTON
SWEDESBORO 5 NW	8685	GLOUCESTER	2	39 47	75 24	10		12N			SUN OIL CO
TOMS RIVER	8816	OCEAN	1	39 57	74 14	10		5P			ROBERT F. SNYDER
TRANQUILITY 2 W	8858	WARREN	2	40 57	74 50	551				C	M. J. ERVEY
TRENTON 2	8878	MERCER	2	40 14	74 46	105	M10	M10			E. M. RISTOW
# TRENTON WB CITY	8883	MERCER	2	40 13	74 46	56	M10	M10		C HJ	U.S. WEATHER BUREAU
TUCKERTON	8899	OCEAN	1	39 36	74 20	10	6P	6P			REV EDWARD O. MEGILL
VINELAND	9135	CUMBERLAND	6	39 29	75 00	110		8A			STATE HOME FOR WOMEN
WANAQUE RAYMOND DAM	9187	PASSAIC	8	41 03	74 18	320		8A		C H	WATER SUPPLY COMM
WATCHUNG	9271	UNION	8	40 40	74 25	-				C	BONNIE BURN SAN.
WERTSVILLE	9363	HUNTERDON	10	40 27	74 48	160		7A			ROBERT M. MANNERS
# WESTFIELD	9455	UNION	9	40 39	74 21	138		5P		C	CITY ENGINEER
WOODCLIFF LAKE	9832	BERGEN	4	41 01	74 03	103		M10		C	HACKENSACK WATER CO
WOODSTOWN	9910	SALEM	2	39 39	75 19	50	5P	5P			CREAM VALLEY DAIRY

‡ 1-COASTAL; 2-DELAWARE; 3-GREAT EGG HARBOR; 4-HACKENSACK; 5-HUDSON; 8-MAURICE; 7-MULLICA; 8-PASSAIC; 9-RAHWAY; 10-RARITAN; 11-ROCKAWAY

REFERENCE NOTES

Additional information regarding the climate of New Jersey may be obtained by writing to the State Climatologist at Weather Bureau Office, c/o General Delivery, Trenton, New Jersey or to any Weather Bureau Office near you.

Figures and letters following the station name, such as 12 SSW, indicate distance in miles and direction from the post office.

Delayed data and corrections will be carried only in the June and December issues of this bulletin.

Monthly and seasonal snowfall and heating degrees for the preceding 12 months will be carried in the June issue of this bulletin.

Stations appearing in the Index, but for which data are not listed in the tables, either are missing or were received too late to be included in this issue.

Divisions, as used in "Climatological Data" Table and on the maps, became effective with data for September 1956.

Unless otherwise indicated, dimensional units used in this bulletin are: Temperature in °F, precipitation and evaporation to inches and wind movement in miles. Monthly degree day totals are the sums of the negative departures of average daily temperatures from 65° F.

Evaporation is measured in the standard Weather Bureau type pan of 4 foot diameter unless otherwise shown by footnote following the "Evaporation and Wind" Table. Max and Min in "Evaporation and Wind" Table refer to extremes of temperature of water in pan as recorded during 24 hours ending at time of observation.

Long-term means for full-time stations (those shown in the Station Index as "U. S. Weather Bureau") are based on the period 1921-1950, adjusted to represent observations taken at the present location. Long-term means for all stations except full-time Weather Bureau stations are based on the period 1931-1955.

Water equivalent values published in the "Snowfall and Snow on Ground" Table are the water equivalent of snow, sleet, or ice on the ground. Samples for obtaining measurements are taken from different points for successive observations; consequently occasional drifting and other causes of local variability in the snowpack may result in apparent inconsistencies in the record.

Entries of snowfall in the "Climatological Data" Table and the "Snowfall and Snow on Ground" Table, and in the seasonal snowfall table include snow and sleet. Entries of snow on ground include snow, sleet and ice.

Data in the "Daily Precipitation" Table; "Daily Temperature" Table; and "Evaporation and Wind" Table, and snowfall in the "Snowfall and Snow on Ground' Table, when published, are for the 24 hours ending at time of observation. The Station Index shows observation times to local standard time. During the summer months some observers take the observations on daylight saving time.

Snow on ground in the "Snowfall and Snow on Ground" Table is at observation time for all except Weather Bureau and CAA stations. For these stations snow on ground values are at 7:00 a.m., E.S.T.

No record in the "Climatological Data" Table and the "Daily Temperature" Table is indicated by no entry.

Interpolated values for monthly precipitation totals may be found in the annual issue of this publication.

- \- No record in the "Daily Precipitation" Table; "Evaporation and Wind" Table; "Snowfall and Snow on Ground" Table; and the Station Index.
- \+ And also on an earlier date or dates.
- ++ Fastest observed one minute wind speed. This station is not equipped with automatic wind instruments.
- * Amount included in following measurement, time distribution unknown.
- # Thermometers are generally exposed in a shelter located a few feet above sod-covered ground; however, the reference indicates that the thermometers are exposed in a shelter located on the roof of a building.
- // Gage is equipped with a windshield.
- AR This entry in time of observation column in Station Index means after rain.
- AH Data based on observations1 day seeding before snow.
- S Adjusted to a full month.
- D Water equivalent of snowfall wholly or partly estimated, using a ratio of 1 inch water equivalent to every 10 inches of new snowfall.
- M One or more days of record missing; if average value is entered, less than 10 days record is missing. See "Daily Temperature" Table for detailed daily record. Degree day data, if carried for this station, have been adjusted to represent the value for a full month.
- E Amounts from recording gage. (These amounts are essentially accurate but may vary slightly from the amounts to be published later in Hourly Precipitation Data.)
- SS This entry in time of observation column in Station Index means observation made near sunset.
- T Trace, an amount too small to measure.
- V Includes total for previous month.
- X Observation time is 1:00 a.m., of the following day.
- VAR This entry in time of observation column in Station Index means variable.

In the Station Index the letters C, G, H, and J in the "Special" column under the heading "Observation Time and Tables", indicate the following:

- C Weighing Rain Gage Recording Station. Hourly precipitation values are processed for special purposes, and are published later in "Hourly Precipitation Data" Bulletin.
- G "Soil Temperature" Table.
- H "Snowfall and Snow on Ground" Table. Omission of data in any month indicates no snowfall and/or snow on ground in that month.
- J "Supplemental Data" Table.

Information concerning the history of changes in locations, elevations, exposure etc. of substations through 1955 may be found in the publication "Substation History" for this state. That publication may be obtained from the Superintendent of Documents, Government Printing Office, Washington 25, D. C. for 15 cents. Similar information for regular Weather Bureau stations may be found in the latest annual issue of Local Climatological Data for the respective stations, obtained as indicated above, price 15 cents.

Subscription Price: 20 cents per copy, monthly and annual; $2.50 per year. (Yearly subscription includes the Annual Summary). Checks, and money orders should be made payable to the Superintendent of Documents. Remittance and correspondence regarding subscriptions should be sent to the Superintendent of Documents, Government Printing Office, Washington 25, D. C.

USCOMM-WB-Asheville, N. C. ——6/5/58 ——— 750

551.05
UNNJ
cop.1

U. S. DEPARTMENT OF COMMERCE
SINCLAIR WEEKS, Secretary
WEATHER BUREAU
F. W. REICHELDERFER, Chief

THE LIBRARY OF THE
JUL 21 1958
UNIVERSITY OF ILLINOIS

CLIMATOLOGICAL DATA

NEW JERSEY

MAY 1958
Volume LXIII No. 5

ASHEVILLE: 1958

NEW JERSEY - MAY 1958

TEMPERATURE AND PRECIPITATION EXTREMES

Highest Temperature: 90° on the 31st at Burlington

Lowest Temperature: 24° on the 10th at Layton 3 NW

Greatest Total Precipitation: 6.45 inches at Toms River

Least Total Precipitation: 2.70 inches at Pleasant Run

Greatest One-Day Precipitation: 2.68 inches on the 26th at Toms River

CLIMATOLOGICAL DATA

Station		Temperature													Precipitation									
											No. of Days								Snow, Sleet			No. of Days		
											Max		Min											
		Average Maximum	Average Minimum	Average	Departure From Long Term Means	Highest	Date	Lowest	Date	Degree Days	90° or Above	32° or Below	32° or Below	0° or Below	Total	Departure From Long Term Means	Greatest Day	Date	Total	Max. Depth on Ground	Date	10 or More	50 or More	1.00 or More
NORTHERN																								
BELVIDERE		71.0	47.4	59.2	- 3.1	89	31	39	14+	192	0	0	0	0	4.33	.10	.90	4	.0	0		10	3	0
BOONTON 2 SE	AM	65.9	45.5	55.7	- 3.6	78	31+	32	10	289	0	0	1	0	4.09	- .26	1.06	26	.0	0		8	1	1
CANOE BROOK	AM	66.3	45.2	55.8	- 3.1	81	20	30	10	286	0	0	2	0	3.42	- 1.11	.58	26	.0	0		8	2	0
CHARLOTTEBURG	AM	65.3	41.0	53.2	- 5.7	80	31	28	10	362	0	0	3	0	3.91	- .50	.60	8	.0	0		10	2	0
ELIZABETH		69.6	48.6	59.1	- 3.2	82	19	35	10	189	0	0	0	0	3.67	- .67	.79	7	.0	0		9	2	0
ESSEX FELLS SERV BLDG	AM	67.2	47.0	57.1		80	20	36	10	248	0	0	0	0	3.40		.51	7	.0	0		9	2	0
FLEMINGTON 1 NE		70.0	45.1	57.6	- 4.5	87	31	29	10	237	0	0	1	0	3.71	- .63	.69	6	.0	0		11	3	0
HIGH POINT PARK	AM	64.2	42.5	53.4		88	31	33	10	359	0	0	0	0	4.42		1.20	5	.0	0		10	2	1
JERSEY CITY		64.3	50.6	57.5	- 3.9	79	30	40	10	238	0	0	0	0	4.78	.83	.79	7	.0	0		12	3	0
LAMBERTVILLE		71.1	47.8	59.5	- 2.1	87	31	33	10	184	0	0	0	0	2.95	- 1.42	.71	6	.0	0		7	2	0
LAYTON 3 NW		69.5	41.0	55.3	- 3.1	84	31	24	10	295	0	0	3	0	4.19	.08	1.10	4	.0	0		9	2	1
LITTLE FALLS 1 E	AM	68.3	47.1	57.7	- 3.6	83	20	35	10	232	0	0	0	0	3.94	- .64	.85	26	.0	0		9	2	0
LONG VALLEY		68.2	43.8	56.0		84	31	30	10	273	0	0	3	0	3.76	- .54	.50	6	.0	0		12	1	0
MORRIS PLAINS	AM	66.2	45.3	55.8		80	20	30	10	289	0	0	1	0	3.93		.84	26	.0	0		9	3	0
NEWARK WB AIRPORT	R	67.6	50.8	59.2	- 1.9	83	30+	42	10	188	0	0	0	0	3.76	.03	.67	25	.0	0		13	1	0
NEWTON	AM	65.8	43.6	54.7	- 4.7	81	31	32	14	318	0	0	1	0	3.46	- .78	.68	26	.0	0		11	1	0
PATERSON	AM	67.6	49.3	58.5	- 3.6	85	20	37	10	212	0	0	0	0	5.02	.54	1.15	4	.0	0		11	4	1
PHILLIPSBURG		70.7	47.3	59.0	- 2.4	87	31	36	10	201	0	0	0	0	4.64	.34	.92	7	.0	0		10	4	0
PLAINFIELD		68.6	48.0	58.3	- 3.0	82	31+	33	10	216	0	0	0	0	4.22	- .16	.83	25	.0	0		11	3	0
RIDGEFIELD		67.7	48.3	58.0	- 3.1	84	19	35	10	226	0	0	0	0	3.76	- .51	.60	7	.0	0		11	3	0
SOMERVILLE		69.3	46.9	58.1	- 3.1	86	31	32	10	222	0	0	1	0	3.64	- .48	.82	7	.0	0		11	3	0
SUSSEX 3 N	AM	66.3	42.4	54.4	- 6.0	82	31	28	10	328	0	0	2	0	3.78	- .18	.98	5	.0	0		9	1	0
DIVISION				57.0	- 3.7										3.94	- .35			.0					
SOUTHERN																								
AUDUBON		71.6	50.3	61.0		87	31	40	10	148	0	0	0	0	4.74		1.05	25	.0	0		8	5	2
BELLEPLAIN		72.8	49.5	61.2		83	31	37	14	147	0	0	0	0	4.66	.59	1.54	26	.0	0		9	4	1
BRIDGETON 1 NE	AM	69.6M	47.6M	58.6M	- 4.7	83	20	37	14+	212	0	0	0	0	4.62	.42	1.10	7	.0	0		10	4	1
BURLINGTON		72.1	49.9	61.0	- 3.3	90	31	37	10	146	1	0	0	0	3.51	- .57	1.13	6	.0	0		8	3	1
CHATSWORTH 5 S																								
CLAYTON		71.5	50.3	60.9		84	31	40	10	139	0	0	0	0	5.27		1.30	20	.0	0		9	3	2
FREEHOLD		69.3	48.5	58.9	- 2.8	83	31	35	10	202	0	0	0	0	6.29	2.16	1.96	26	.0	0		11	5	2
HAMMONTON 2 NNE	AM	70.8	50.7	60.8	- 2.0	84	19	39	10	153	0	0	0	0	4.20	.05	1.09	6	.0	0		8	4	1
HIGHTSTOWN 1 N		69.2	49.0	59.1	- 2.3	86	31	37	10	193	0	0	0	0	4.87	1.03	1.16	6	.0	0		10	4	1
INDIAN MILLS 2 W		71.2	48.0	59.6	- 2.5	88	31	33	10	183	0	0	0	0	6.25	2.15	2.16	25	.0	0		9	4	2
LAURELTON 1 E		67.4	46.2	56.8	- 4.6	87	19	32	1	261	0	0	1	0	4.42	.26	1.04	25	.0	0		11	3	1
LEESBURG STATE FARM		70.6	52.8M	61.7M		81	31			123	0	0	0	0	5.46		2.25	26	.0	0		10	3	1
MILLVILLE		71.4	51.5	61.5		83	20	41	14	133	0	0	0	0	4.21		.70	7	.0	0		8	6	0
MOORESTOWN		70.1	49.3	59.7	- 2.0	86	31	37	10	176	0	0	0	0	4.58	.25	1.20	7+	.0	0		7	3	2
NEW BRUNSWICK EXP STA		69.2	48.8	59.0	- 2.7	82	31	36	10	197	0	0	0	0	4.09	.10	.75	6	.0	0		11	3	0
PEMBERTON 3 E		71.9	47.6	59.8	- 3.2	87	31	36	10	175	0	0	0	0	4.39	.41	.83	6	.0	0		11	4	0
PLEASANTVILLE 1 N	AM	66.8	48.6	57.7	- 2.7	77	13	37	14	225	0	0	0	0	4.58	1.04	.92	4	.0	0		9	5	0
RUNYON		72.3	45.4	58.9	- 1.4	87	31	30	10	207	0	0	1	0	3.72	- .02	.88	25	.0	0		10	3	0
TRENTON 2		70.0	50.5	60.3		87	31	37	10	165	0	0	0	0	3.97	- .37	.97	6	.0	0		10	2	0
TRENTON WB CITY	R	69.2	51.5	60.4	- 1.4	87	31	41	10	161	0	0	0	0	3.94	.46	.90	6	.0	0		8	3	0
TUCKERTON		67.8	47.6	57.7		80	31	34	10	235	0	0	0	0	5.00		1.00	20	.0	0		10	5	1
WOODSTOWN		73.1	50.2	61.7		86	31	39	14+	129	0	0	0	0	3.96		.96	6	.0	0		8	4	0
DIVISION				59.8	- 2.3										4.61	.62			.0					
COASTAL																								
ATLANTIC CITY WB	R	63.5	52.1	57.8	- 1.3	78	12	45	5	221	0	0	0	0	4.42	1.44	.66	19	.0	0		9	4	0
CAPE MAY 3 W		67.3	52.5	59.9		77	12	43	14	160	0	0	0	0	5.48		1.50	26	.0	0		7	4	3
LONG BRANCH		64.9	49.2	57.1	- 2.7	82	19	42	14+	248	0	0	0	0	5.75	2.11	1.68	25	.0	0		10	4	1
SANDY HOOK LBSTA																								
DIVISION				58.3	- 1.6										5.22	1.85			.0					

See Reference Notes Following Station Index

DAILY PRECIPITATION

Station	Total	Day of month																														
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
ATLANTIC CITY WB R	4.42	T		.53	.40	.41	.57	.44	.04			.23	.04			.09	.01		T	.66	T			.07		.62	.20	T	.02			
AUDUBON	6.74			.20	.53	1.00	.64	.50	T			T				.25	.00			T	.30		T	T		1.05			T			
BASS RIVER ST FOREST	5.22				.52	.42	.71	.70	.10			.16				.19				.03	.05		.03			1.23						
BELLEPLAIN	4.86			.11	.24	.58	.48	.55	.02			.31									.63			.08		.12	1.54					
BELMAR		RECORD MISSING																														
BELVIDERE	4.33			.05	.90	.04	.78	.32	.25		T	.04				.25	.28		.31	.01				.28		.58				.27		
BERLIN 1 W	3.78				.45	.08	1.48	.70									.35	.08			.60	.48					1.56					
BLACKWELLS MILLS	3.83				.34	.00	.52	.59	.36	.11			.03				.46			.03	.15	.04		.11			.78			.02		
BOONTON 2 SE	4.09				.34	.42	.40	.47	.38	.05	T		.02			.02	.40	T	T	.11	.00	.03		.07		.06	1.06			.08		
BOUND BROOK 1 W	3.28				.41	.07	.43	.66	.35	.11							.47				.12			.13			.51			.02		
BRANCHVILLE	3.31				.58	.33	.33	.33	.41	.08						.00	.30	T	.04	.00		.11		.00		T	.41			.12		
BRIDGETON 1 NE	4.62	T			.10	.45	.70	1.10	.05	T	.02	.25	.40				.15				.75	.10		T			.50			.05		
BURLINGTON	3.51			.18	.11	.52	1.13	.63	.03			.01	.13			.05	.03		T		.35			.01		.00	.24					
CANISTEAR RESERVOIR	4.02				.40	.50	.31	.35	.66	.03			T			.05	.30		T	T		.10		.13		T	1.03			.16		
CANOE BROOK	3.42				.26	.25	.44	.57	.38	.03			T			T	.47	T		.26	.07	T		.08			.58			.03		
CANTON	4.20				.43	.04	.71	.70	.10				.23				.11				1.21						.56			.02		
CAPE MAY 3 W	5.48	.02		.07		1.01	.70	.38	.01			.38	.02			.02	.01				1.18			.10			1.50			.08		
CEDAR GROVE	4.48				.32	.50	.53	.71	.62	.10							.40	.02		.10	.43	.02		.12			.47			.05		
CHARLOTTEBURG	3.01				.37	.30	.51	.37	.60	.03			.04			.05	.33			.38	.01	.18		.08			.49			.17		
CHATHAM																																
CHATSWORTH 5 S		RECORD MISSING																														
CLAYTON	5.27			.13	.45	.40	1.12	.76	.08			.04	.41								1.30			.04		.25	.20					
CLINTON	4.68			.35	.34	.10	.62	.47	.08			.07				.14	.35		.15	.56	.07			.15		.93				.21		
DEEPWATER	3.66			*	*	2.32	.32	.22				.08				.00				.15	.44			T		.07						
ELIZABETH	3.67			.26	.00	.22	.67	.70	.08			.01				.10	.30		.48	.04	.18	.01		.10		.00				.07		
ELIZABETHPORT	4.22			.26	.10	.27	.76	.50	.02				.06		T	T	.16	.18	.49	T	.16		T	.17		.88			.12			
ESSEX FELLS SERV BLDG	3.40				.28	.35	.32	.51	.40	.03							.50			.41				.12			.48					
FLEMINGTON 1 NE	3.71			.32	.19	.24	.69	.53	.60	T		.25	T			.10	.32		.02	T	.13	T	T	T		.32	T					
FORTESCUE	3.65				.50	.20	.54	.80									.08				.70						.73			.10		
FREEHOLD	6.29			.12	.11	.22	1.05	.60	.08			.44	.60			.09	.33		T		.56			.03		.10	1.96					
GREENWOOD LAKE	3.87				.48	.56	.42	.35	.33	.00	T		.03			.10	.32			.05	.02	.08		.10			.84			.13		
HAMMONTON 2 NNE	4.20				.03	.47	1.00	.81	.00			.10	.13				.22				.50			.05			.62					
HIGH POINT PARK	4.42				.40	1.20	.28	.47	.40								.58				.18			.32			.49			.10		
HIGHTSTOWN 1 N	4.87			.17	.07	.11	1.16	.68	.23			.04	.15			.03	.27		T	T	.30			.07		.62	.95		T	.02		
INDIAN MILLS 2 W	6.25			.26	.40	1.00	.59	.37	.07			.18	.04			T	.26			.02	.77			T		2.16	.04		T			
IRVINGTON	3.64			.34	.20	.38	.60	.40	.04			.09				.31	.09		.19	T	.13		.01	.10		.72			.04			
JERSEY CITY	4.78			.35	.23	.40	.76	.79	.06			.29			T	.15	.34		.35	.05	.15	T		.20		.65	T		.01			
LAMBERTVILLE	2.09			.25	.08	.14	.71	.37	.08	T		.02				.04	.13			.02	.12			.00		.65				.05		
LAURELTON 1 E	4.42			.20	.05	.85	.72	.49	.19			.10				.21	.12		T	.12	.23					1.04		T				
LAYTON 3 NW	4.19			.40	1.10	.06	.35	.61	.27						T	.36	.12		.09	.06				.20		.48				.09		
LEESBURG STATE FARM	5.46			.10	.34	.57	.48	.48	.03			.15					.10	.01	.		.73			.05		.10	2.25			.07		
LITTLE FALLS 1 E	3.04				.31	.37	.44	.61	.40	.09			T			.03	.30			.00	.26	.02		.12			.85			.05		
LONG BRANCH	5.75			.16	.05	.65	.70	.41	.14			.87	.01			.28	.16		T	.05	.48		T	.02		1.68			T			
LONG VALLEY	3.76			.38	.40	.62	.50	.27	.22	.02		.03				.30	.20		.12	.06	.05			.21		.46			.12			
MACOPIN INTAKE	4.04				.43	.32	.53	.43	.47	.02			.02			.06	.37	.01		.52	.02	.10		.07			.50			.17		
MAHWAH	4.22				.65	.45	.49	.45	.49	.04			.02			.13	.28	.02		.05	.07	.11		.07		.01	.77			.12		
MANVILLE	4.30			.30	.20	.60	.78	.55	.20							.26	.20		.10		.16			.18		.65			.03			
MARLTON 1 W	4.65			.30	.45	.65	1.05	.74	.07		T	T					.21				.56					.53						
MAYS LANDING	3.59			.40	.12	.42	.47	.25	.05												.23					.30	1.15			.20		
MIDLAND PARK	4.40			.52	.38	.42	.65	.51	.05			.03			.05	.16	.12		.11	.02		.14	.01	.03		1.16	.02		.02			
MILLVILLE	4.21			.06	.66	.51	.50	.70				.30	.04			.08	.03			.57	.05					.51	.15		.05			
MILTON	4.69				.42	.37	.52	.53	.55	.05			.04			.06	.32	.04	.30	.15	.02	.17		.14		.10	.69			.22		
MOORESTOWN	4.58				.40	.29	1.20	1.20	.08								.30				.42	.04		.04			.61					
MORRIS PLAINS	3.93				.33	.33	.50	.50	.46	.00		T	.02			.01	.41	T	.01	.10	.10	T		.08		.07	.84			.08		
NEWARK WB AIRPORT R	3.76			.30	.10	.36	.48	.45	.03	T		.17	.04		T	.26	.15		.19	.14	.13	T	T	.17		.67	.01		.02			
NEW BRUNSWICK EXP STA	4.09			.30	.13	.12	.75	.72	.15			T	.03			.07	.47		.03	T	.26			.18		.73	T		.15			
NEW MILFORD	3.70			.42	.32	.30	.50	.54	.08						.06	.08	.14		.06	.10	.06		.02	.06		.92			.04			
NEWTON	3.46				.32	.34	.31	.38	.31	.13			.07			.05	.25			.16	.03	.17		.17		.02	.68			.07		
OAK RIDGE RESERVOIR	4.77				.35	.38	.50	.30	.78	.06			.06			.07	.34			.45	.03	.20		.12			.82			.22		
OLDWICK	3.87		T		.45	.22	.47	.59	.34	.01			.03				.54			.10	.15	T		.07		T	.60			.10		
ORANGE	4.49			.03	.42	.20	.52	.84	.50				.02				.40			.38	.26	.04		.12		.76						
PATERSON	5.02				1.15	.43	.48	.55	.52	.12			.03			.04	.28	.02		.18	.19	.04		.14		T	.82			.03		
PEMBERTON 3 E	4.30			.51	.17	.48	.83	.61	.16			.11					.29				.67			.01		.35	.20					
PHILLIPSBURG	4.64		T	.25	.35	.51	.46	.92	.24	T		.08				T	.54		.35		T			.20		.67				.07		
PHILLIPSBURG BRIDGE	-				-	-	.63	.44	.83	.20	.03	.04					.45		.12								.77						
PLAINFIELD	4.22			.38	.18	.59	.75	.37	.08	T		.01			T	.14	.34		.19	T	.16	T	T	.17		.83			.03			
PLEASANT RUN	2.70				.27	.04	.46	.68	.20	.03		.04					.16			.20	.11	.03		.09			.29			.10		
PLEASANTVILLE 1 N	4.58				.02	.18	.62	.68	.25			.42	.04				.10				.60		.05				.70			.02		
PRINCETON WATER WORKS	3.66			.18	.12	.46	.87	.67	.12			.07				.17	.12			T	.12		T	.10		.42			.24			
RAHWAY	3.28			.25	.15	.23	.62	.34	.04			T	T		T	.16	.20		.20	T	.15		T	.12		.53			.20			
RIDGEFIELD	3.76			.41	.32	.23	.55	.60	.08			T	.03		.01	.15	.17		.30	T	.18			.15		.55	.02		.01			
RINGWOOD	3.36				.50	.51	.42	.53	.10	.05			.02			.10	.10	T		.02	T	.12		.00		T	.47			.15		
RUNYON	3.72			.24	.11	.14	.80	.62	.23				.08			.11				T	.14					.88	.09			.28		
SANDY HOOK LBSTA		RECORD MISSING																														
SOMERVILLE	3.64			.34	.10	.18	.60	.82	.14			.01				.15	.36		.05		.11			.11		.63			.04			
SPLIT ROCK POND	3.65				.33	.38	.45	.36	.54	.01							.32			.30	.05	.07		.07			.68			.00		
SUSSEX 3 N	3.78				.46	.98	.33	.25	.46	.05			T			.10	.40			.06	.01	.01		.10			.49			.08		
SWEDESBORO 5 NW	4.05	T		.08	.20	1.06	1.10	.00	.08				T				.13				.30						.02					
TOMS RIVER	6.45			1.00	.50	.60	*	1.00				.15				.03					.39					.10	2.68					
TRENTON 2	3.97			.10	.07	.66	.07	.49	.14	T		.34	.03			.14	.23		.02	.01	.17			.08		.41			.02			
TRENTON WB CITY R	3.04			.14	.00	.62	.00	.49	.08			.23	.02			.30	.05		.01	.01	.15		.04	.01		.80			T			
TUCKERTON	5.00			.20	.20	.46	.60	.55	.31			.50					.30				1.00					.08	.80					
VINELAND	4.29				.43	.18	.63	.94	.07			.10	.00				.17				1.28	.03		T			.28			T		
WANAQUE RAYMOND DAM	3.31				.49	.30	.45	.37	.36	.02	.02		.03			.04	.20			.20	.03	.10		.05			.54			.11		
WERTSVILLE	2.97	T		T	.29	.10	.50	.57	.28	.01		T	.02				.20	.01		T	.18	.02		.14	T	T	.51			.05		
WESTFIELD	3.90			.26	.16	.43	.96	.20	.05							.15	.35		.39		.10	.04		.10		.80						
WOODCLIFF LAKE	3.98			.54	.32	.34	.56	.56	.04						.04	.16	.10		.08	.04	.04	.02		.06		1.04			.04			
WOODSTOWN	3.06	T		.16	.72	.65	.96	.41	.02			.06				T	.12		T		.50		T	.01		.27	.08		T			

See Reference Notes Following Station Index

DAILY TEMPERATURES

Station		Day Of Month																													Average
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
ATLANTIC CITY WB	MAX	54	63	66	66	56	48	49	63	67	60	61	78	71	70	57	64	56	63	64	63	75	65	69	62	64	64	60	61	72	70	39	63.5
	MIN	48	52	48	50	45	46	47	47	52	46	53	57	51	48	51	49	46	56	58	55	54	56	57	51	56	55	54	55	56	53	62	52.1
AUDUBON	MAX	63	74	65	76	58	48	50	65	71	67	76	75	71	71	65	75	78	84	81	73	73	79	71	77	76	70	72	76	72	80	87	71.6
	MIN	42	50	50	58	47	45	43	45	45	40	48	53	50	41	50	49	48	59	66	59	57	45	53	45	55	54	47	54	54	48	58	50.3
BELLEPLAIN	MAX	70	75	69	80	73	60	52	62	75	68	77	78	74	71	68	72	74	80	82	80	72	77	73	70	79	75	68	72	70	78	83	72.8
	MIN	38	52	49	55	48	45	40	45	48	40	52	62	50	37	40	47	48	57	62	59	55	43	62	40	50	51	45	62	52	41	59	49.5
BELVIDERE	MAX	68	75	65	62	56	51	49	63	67	71	70	73	69	68	61	76	70	82	80	75	74	75	70	76	68	74	80	80	71	83	89	71.0
	MIN	41	47	49	47	49	44	40	41	40	39	47	55	41	39	45	46	47	57	59	59	51	43	53	43	55	53	44	50	44	44	57	47.4
BOONTON 2 SE	MAX	63	64	71	53	55	52	46	47	59	65	70	65	72	66	65	50	68	74	77	78	70	72	73	68	70	85	72	71	76	67	78	65.0
	MIN	38	41	41	49	40	43	41	43	39	32	44	52	49	36	43	40	45	50	56	58	48	42	50	40	50	54	42	47	50	44	53	45.5
BRIDGETON 1 NE	MAX	61	61		64	80	56	47	52	65	73	82	75	74	70	74	67		74	82	83	71	73	70	70	73	79	60	73	73			60.6
	MIN	41	42		50	54	44	44	43	45	37	49	57	48	37	42	51		47	59	58	57	41	40	41	48	57	43	49	52			47.6
BURLINGTON	MAX	64	74	71	65	62	50	50	65	72	67	76	75	74	73	63	75	76	82	78	74	73	70	77	77	74	75	72	78	73	82	90	72.1
	MIN	43	46	49	57	48	45	43	45	46	37	42	61	51	42	51	40	48	56	66	58	57	46	46	43	55	58	50	55	53	44	58	49.9
CANOE BROOK	MAX	62	66	73	54	55	53	45	47	60	68	68	66	72	67	65	52	68	72	76	81	68	72	75	70	60	65	71	71	78	68	79	66.3
	MIN	36	42	48	43	50	44	42	44	34	30	44	58	37	32	45	47	40	43	61	57	49	38	52	39	55	53	40	47	51	39	52	45.2
CAPE MAY 3 W	MAX	54	66	64	69	68	50	57	60	69	69	68	77	60	69	68	65	65	68	75	68	72	72	70	69	70	68	68	61	70	71	76	67.3
	MIN	47	52	49	57	49	46	46	48	51	45	53	59	55	43	53	54	40	54	58	59	56	54	61	54	53	51	50	55	57	50	60	52.5
CHARLOTTEBURG	MAX	60	66	70	53	55	51	46	47	57	66	67	64	70	65	61	48	72	75	75	70	70	70	72	68	70	66	70	69	76	69	80	33.3
	MIN	35	37	45	45	45	41	38	39	32	28	33	55	42	29	36	43	45	46	52	53	44	35	38	34	43	52	36	41	45	37	47	41.0
CHATSWORTH 5 S	MAX																																
	MIN																																
CLAYTON	MAX	62	74	65	70	69	40	50	65	71	65	75	75	72	72	63	74	75	82	81	73	72	78	71	74	73	70	74	73	71	81	84	71.5
	MIN	43	50	52	56	49	44	43	45	45	40	50	62	49	41	50	40	48	51	64	56	57	47	59	45	55	58	47	53	52	42	57	50.3
ELIZABETH	MAX	66	76	72	55	55	50	48	56	70	67	60	76	72	70	61	66	74	75	82	75	73	69	73	72	73	72	81	77	71	80	81	69.6
	MIN	41	47	49	50	48	43	42	45	40	35	46	59	45	39	47	47	48	53	61	59	51	44	54	49	56	56	49	52	50	45	57	48.6
ESSEX FELLS SERV BLDG	MAX	62	66	72	58	56	54	50	45	60	70	71	68	70	68	66	60	72	74	75	80	74	72	71	68	70	64	73	73	77	65	78	67.2
	MIN	48	50	52	52	50	42	41	41	40	36	40	44	45	40	45	44	45	48	54	59	60	48	55	40	45	52	44	45	48	49	54	47.0
FLEMINGTON 1 NE	MAX	65	75	71	61	57	48	48	60	69	69	60	74	68	70	58	68	77	81	82	76	72	75	71	73	72	75	72	76	70	82	87	70.0
	MIN	36	42	46	53	48	43	42	43	35	29	41	55	48	34	47	48	49	54	57	56	48	36	46	39	55	48	38	44	48	38	52	45.1
FREEHOLD	MAX	64	74	66	60	54	48	48	60	70	68	74	74	70	65	64	67	71	80	81	77	72	76	75	70	74	69	68	77	72	78	83	69.3
	MIN	40	47	47	50	47	43	42	44	43	35	50	60	43	39	49	46	46	53	63	60	54	45	60	44	54	56	44	51	51	44	55	48.5
HAMMONTON 2 NNE	MAX	62	63	76	63	80	56	47	51	63	73	67	75	75	70	71	67	78	75	84	83	72	75	79	70	77	79	67	74	77	71	76	70.8
	MIN	43	49	48	56	54	44	44	45	47	39	47	62	47	42	50	50	49	57	63	59	57	46	56	45	49	58	45	55	53	46	42	50.7
HIGH POINT PARK	MAX	56	63	64	60	57	47	44	42	53	52	65	65	66	70	68	45	68	71	73	75	69	71	70	74	85	60	69	69	72	67	88	64.2
	MIN	36	44	38	42	41	38	35	36	37	33	37	50	41	39	41	40	44	45	54	53	47	41	44	43	44	45	45	49	41	43	52	42.9
HIGHTSTOWN 1 N	MAX	63	72	65	63	55	48	47	61	70	68	73	74	68	68	80	70	77	85	79	73	72	73	72	70	71	68	67	77	70	80	86	69.2
	MIN	41	48	49	53	48	44	43	44	44	37	48	60	47	39	49	47	49	55	63	56	53	44	55	44	55	57	46	50	51	45	56	49.0
INDIAN MILLS 2 W	MAX	63	75	63	75	60	46	49	63	73	69	75	76	71	70	63	71	78	84	83	80	72	79	71	73	77	70	72	76	70	80	88	71.2
	MIN	39	46	48	55	46	43	43	45	44	33	45	61	44	35	49	48	47	55	62	58	55	38	59	38	54	57	40	54	53	40	53	48.0
JERSEY CITY	MAX	58	73	58	53	54	46	46	57	67	61	65	73	67	65	51	64	61	69	78	64	72	65	70	84	63	69	70	70	37	79	74	64.3
	MIN	45	50	48	49	44	42	42	44	48	40	51	56	50	45	48	47	48	57	62	53	54	51	57	51	55	55	50	55	52	53	68	50.6
LAMBERTVILLE	MAX	64	72	71	63	58	49	49	63	68	68	70	74	72	69	69	75	77	82	81	75	73	77	75	76	72	72	73	77	72	80	87	71.1
	MIN	40	46	49	55	48	44	42	44	39	33	45	56	43	37	50	47	50	57	61	60	52	40	56	42	55	56	41	48	51	41	64	47.8
LAURELTON 1 E	MAX	62	72	58	57	53	45	47	61	75	64	70	79	73	70	57	62	64	72	87	64	75	70	73	69	76	67	64	78	70	83	78	67.4
	MIN	32	45	48	49	43	43	44	44	43	35	46	53	42	37	48	48	48	57	62	53	54	40	46	40	56	45	40	48	48	40	56	46.2
LAYTON 3 NW	MAX	68	72	70	60	55	50	47	60	68	69	72	72	63	64	64	72	78	80	79	74	78	76	70	75	68	74	75	79	70	77	84	69.3
	MIN	34	38	40	47	46	43	43	43	33	24	42	52	33	29	40	44	40	40	46	51	49	36	48	38	50	45	34	42	42	32	47	41.0
LEESBURG STATE FARM	MAX	58	68	66	75	73	55	55	60	74	72	74	77	75	73	72	73	71	74	74	72	72	75	73	70	71	69	71	68	72	74	81	70.6
	MIN	45	53	50	57	49	45	45	46	52	51	55	62	54	46	56	52	51	59	63		58	44	64	41	53		44	63	64	45	65	52.8
LITTLE FALLS 1 E	MAX	65	69	75	56	56	54	48	48	60	70	70	68	75	70	65	53	71	76	77	83	70	75	72	72	72	67	74	73	30	70	82	68.3
	MIN	40	45	49	49	48	43	40	43	38	35	42	60	45	37	47	46	49	52	50	56	50	43	55	42	55	52	43	51	50	42	54	47.1
LONG BRANCH	MAX	60	70	56	56	53	46	47	60	71	62	68	73	68	65	54	58	63	70	82	63	70	70	70	62	69	67	63	72	69	80	79	84.9
	MIN	42	50	48	49	46	44	44	45	48	42	49	57	47	42	49	48	47	57	63	51	52	46	52	46	53	50	48	51	54	47	59	49.2
LONG VALLEY	MAX	64	74	68	58	56	49	47	58	66	66	67	72	69	64	60	74	73	78	77	73	71	72	69	70	63	60	72	76	73	78	84	68.2
	MIN	34	40	42	52	46	42	40	42	32	30	42	57	44	31	46	45	48	51	54	56	48	36	46	37	53	52	36	43	47	36	50	43.8
MILLVILLE	MAX	63	61	77	66	80	57	48	52	65	74	66	77	76	72	75	68	75	76	81	83	72	74	78	72	77	79	71	74	73	73	70	71.4
	MIN	43	50	50	51	56	45	45	45	47	43	50	60	51	41	52	52	48	56	61	60	59	49	60	47	54	57	47	55	55	52	57	51.3
MOORESTOWN	MAX	63	73	64	73	54	46	49	64	70	66	75	73	69	70	62	72	76	82	80	71	72	77	71	75	74	70	71	75	70	79	84	70.1
	MIN	41	52	49	55	45	45	43	46	47	37	49	58	49	39	50	49	49	58	66	58	57	42	50	41	55	48	44	52	53	44	57	49.3
MORRIS PLAINS	MAX	63	65	73	53	55	62	44	46	61	67	68	66	73	66	64	50	70	75	78	80	70	72	73	69	69	64	72	70	76	68	79	66.2
	MIN	37	43	47	47	48	42	41	42	37	30	44	58	48	34	46	45	47	49	59	56	47	38	50	38	53	54	39	46	49	38	52	45.3
NEWARK WB AIRPORT	MAX	66	76	54	56	57	47	48	61	71	69	69	75	70	67	53	65	71	73	83	66	74	70	72	67	67	71	72	74	71	83	78	67.6
	MIN	45	49	50	51	45	43	43	45	44	42	49	58	51	45	49	48	49	56	64	55	54	51	57	51	55	56	51	57	52	50	61	50.8
NEW BRUNSWICK EXP STA	MAX	63	73	70	58	55	50	47	58	68	68	70	73	73	66	64	66	75	80	80	77	72	75	75	70	70	70	69	75	73	79	82	69.2
	MIN	40	48	48	52	47	43	42	44	44	36	47	60	44	40	48	46	48	55	64	56	53	44	56	47	55	57	47	50	51	45	56	48.8
NEWTON	MAX	60	68	70	53	59	50	47	47	59	66	68	63	70	65	62	51	72	72	70	79	74	72	74	69	66	64	65	72	77	66	81	65.8
	MIN	38	40	43	49	45	43	38	40	37	37	44	50	36	32	36	45	47	50	57	55	54	38	52	34	51	51	37	42	47	40	44	43.6
PATERSON	MAX	63	66	75	54	55	53	47	48	58	70	68	67	76	70	68	52	71	78	79	85	70	74	73	72	71	65	70	71	79	69	82	67.6
	MIN	44	48	49	49	50	43	41	43	43	37	46	57	49	43	48	46	48	54	56	60	52	48	56	48	55	55	46	54	51	51	58	49.3
PEMBERTON 3 E	MAX	64	74	69	68	63	48	48	61	72	60	76	76	74	70	67	70	78	83	81	75	73	77	77	78	78	75	70	77	71	79	87	71.9
	MIN	39	49	47	49	48	44	43	45	41	36	47	55	44	37	49	48	48	49	61	58	52	39	58	40	54	57	41	53	52	41	51	47.6
PHILLIPSBURG	MAX	62	72	68	63	64	50	48	53	66	68	70	74	77	70	68	70	76	79	80	70	74	75	74	74	74	72	73	76	75	78	87	70.7
	MIN	42	42	48	53	49	45	41	45	37	36	46	59	44	38	48	47	50	56	59	59	51	45	49	42	52	54	43	49	40	42	55	47.3
PLAINFIELD	MAX	67	75	58	55	53	47	48	61	70	69	68	76	69	67	55	70	76	79	82	60	72	75	72	72	68	71	73	77	70	80	82	68.6
	MIN	39	47	48	48	49	44	42	43	38	33	45	58	49	37	48	47	48	54	59	58	50	41	55	47	60	55	46	50	52	42	55	48.0
PLEASANTVILLE 1 N	MAX	60	50	70	66	66	56	48	50	63	76	58	71	77	71	71	61	69	61	70	75	66	75	74	72	68	70	66	66	68	71	76	66.8
	MIN	39	49	48	51	52	46	45	46	46	38	44	55	46	37	43	51	48	49	57	59	54	43	58	41	55	57	46	52	54	42	56	48.6

See reference notes following Station Index.

DAILY TEMPERATURES

Station		Day Of Month																													Average
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
RIDGEFIELD	MAX	65	75	54	55	53	48	46	55	70	69	65	78	70	68	50	65	74	72	84	74	73	74	73	75	65	70	73	70	68	82	83	67.7
	MIN	43	49	49	50	42	43	42	44	42	35	45	60	43	39	48	47	49	54	65	52	51	45	52	46	56	55	46	52	52	46	56	48.3
RUNYON	MAX	67	77	74	58	54	49	48	54	73	71	73	70	78	73	69	60	70	84	84	76	76	70	78	74	72	74	74	81	74	84	87	72.3
	MIN	37	48	40	48	44	44	43	46	43	30	43	53	38	33	43	44	42	54	64	56	53	44	55	38	48	50	38	48	49	37	54	45.4
SANDY HOOK L8STA	MAX																																
	MIN																																
SOMERVILLE	MAX	65	73	61	57	56	49	48	61	69	68	68	75	70	66	61	70	77	80	82	75	73	75	71	72	67	72	72	77	70	81	86	60.3
	MIN	38	44	48	53	47	43	42	44	37	32	43	51	42	35	48	47	50	57	61	57	51	40	55	45	55	55	43	48	50	40	54	46.9
SUSSEX 3 N	MAX	60	67	72	52	59	52	49	47	57	67	67	66	70	64	62	49	70	75	70	70	73	72	72	68	72	65	71	74	77	65	82	66.3
	MIN	38	40	43	45	43	40	36	37	37	28	37	47	38	31	36	44	45	48	56	53	45	40	44	38	45	51	42	45	46	47	49	42.4
TRENTON 2	MAX	64	74	60	64	56	46	48	63	70	69	73	74	68	69	60	72	77	82	81	70	73	78	70	76	73	71	71	77	70	81	87	70.0
	MIN	45	50	50	55	45	43	42	45	45	37	50	60	50	43	49	48	50	58	65	58	56	47	56	48	56	57	47	51	52	48	59	50.5
TRENTON W8 CITY	MAX	62	73	61	63	56	46	47	64	60	66	73	74	60	67	57	72	76	82	80	70	72	77	70	73	73	70	68	76	70	81	87	69.2
	MIN	45	51	49	55	45	43	42	45	48	41	50	59	50	45	48	47	49	59	65	59	58	52	57	51	56	57	50	53	54	52	63	51.5
TUCKERTON	MAX	58	70	63	65	58	47	49	62	75	70	70	78	71	70	60	67	62	70	76	69	74	73	70	70	72	70	65	70	72	76	80	67.8
	MIN	40	48	47	50	47	43	44	44	46	34	50	61	42	35	48	49	42	53	59	59	54	38	58	37	55	56	42	50	50	40	55	47.6
WOODSTOWN	MAX	63	74	71	80	70	50	51	66	72	70	76	75	76	75	74	77	78	83	82	71	75	79	71	75	73	70	75	74	73	80	86	73.1
	MIN	42	52	49	57	48	44	44	46	43	39	47	62	50	39	50	51	48	58	65	59	58	43	59	43	55	59	45	49	53	43	57	50.2

EVAPORATION AND WIND

Station		Day of month																													Total or Avg.
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
CANOE BROOK	EVAP	-	-	-	-	-	-	-	-	-	.10	.20	.03	.22	.23	.10	.01	.09	.12	.12	.08	.12	.21	.15	.17	.17	.03	.12	.16	.13	.20	.18	-
	WIND	-	-	-	-	-	-	-	-	-	48	10	4	27	41	17	11	10	12	13	8	20	23	20	16	20	3	6	13	11	42	14	-
PLEASANTVILLE 1 N	EVAP	.30	.06	.07	.08	.05	.06	.02	.04	.02	.28	.20	-	.27	.38	.24	.06	.13	.17	.17	.15	.11	.30	.30	.15	.11	.10	.02	.20	.11	.26	.26	B4.83
	WIND	43	15	36	40	39	70	133	14	53	42	53	26	40	47	45	79	42	49	104	65	16	14	19	35	48	19	30	37	44	60	42	1399

DAILY SOIL TEMPERATURES

Station And Depth		Day of month																													Average
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
NEW BRUNSWICK EXP STATION																															
MEASURED UNDER SOD																															
1 INCH	MAX	56	62	56	57	55	51	50	52	56	57	58	62	71	63	58	67	72	71	73	70	77	76	75	76	67	72	76	78	74	77	81	65.8
	MIN	51	53	54	54	51	49	48	50	49	50	53	57	53	52	53	53	55	58	63	61	59	55	59	57	61	59	57	59	60	57	62	55.1
2 INCHES	MAX	56	60	56	56	55	52	50	52	56	56	57	62	66	60	56	63	67	69	69	68	72	70	70	71	66	69	68	73	72	73	76	63.2
	MIN	52	53	54	54	52	50	49	50	50	50	53	57	55	53	54	53	56	58	63	62	60	58	62	59	61	61	59	60	62	60	63	56.1
4 INCHES	MAX	56	59	56	56	55	52	50	52	55	55	57	61	65	60	56	62	66	68	69	67	70	69	69	70	65	68	67	72	70	71	74	62.4
	MIN	52	53	54	54	52	50	49	50	50	51	53	57	55	53	54	53	56	58	63	62	60	58	62	59	61	61	59	60	62	60	63	56.2
8 INCHES	MAX	55	57	56	55	55	53	51	51	53	54	55	58	58	57	57	58	61	63	64	64	64	63	65	65	63	65	64	66	66	66	68	59.6
	MIN	53	54	55	54	53	51	50	51	50	52	52	55	56	55	55	54	56	58	60	61	60	60	62	60	61	62	60	61	61	61	63	56.6
16 INCHES	MAX	54	54	55	54	54	53	52	51	52	54	56	56	56	56	56	55	57	59	61	61	61	61	61	62	61	62	62	63	63	63	64	57.5
	MIN	53	53	54	54	53	52	51	51	51	52	52	54	55	55	54	54	55	56	59	59	59	60	60	60	60	60	60	60	61	62	62	56.0
32 INCHES	MAX	52	52	53	53	53	52	52	52	51	52	53	54	54	54	54	54	55	56	56	57	57	57	57	57	58	58	58	59	59	59	60	55.0
	MIN	51	51	52	52	52	52	52	51	50	51	51	52	53	53	53	54	54	54	55	56	56	56	57	57	57	58	58	58	59	59	59	54.2

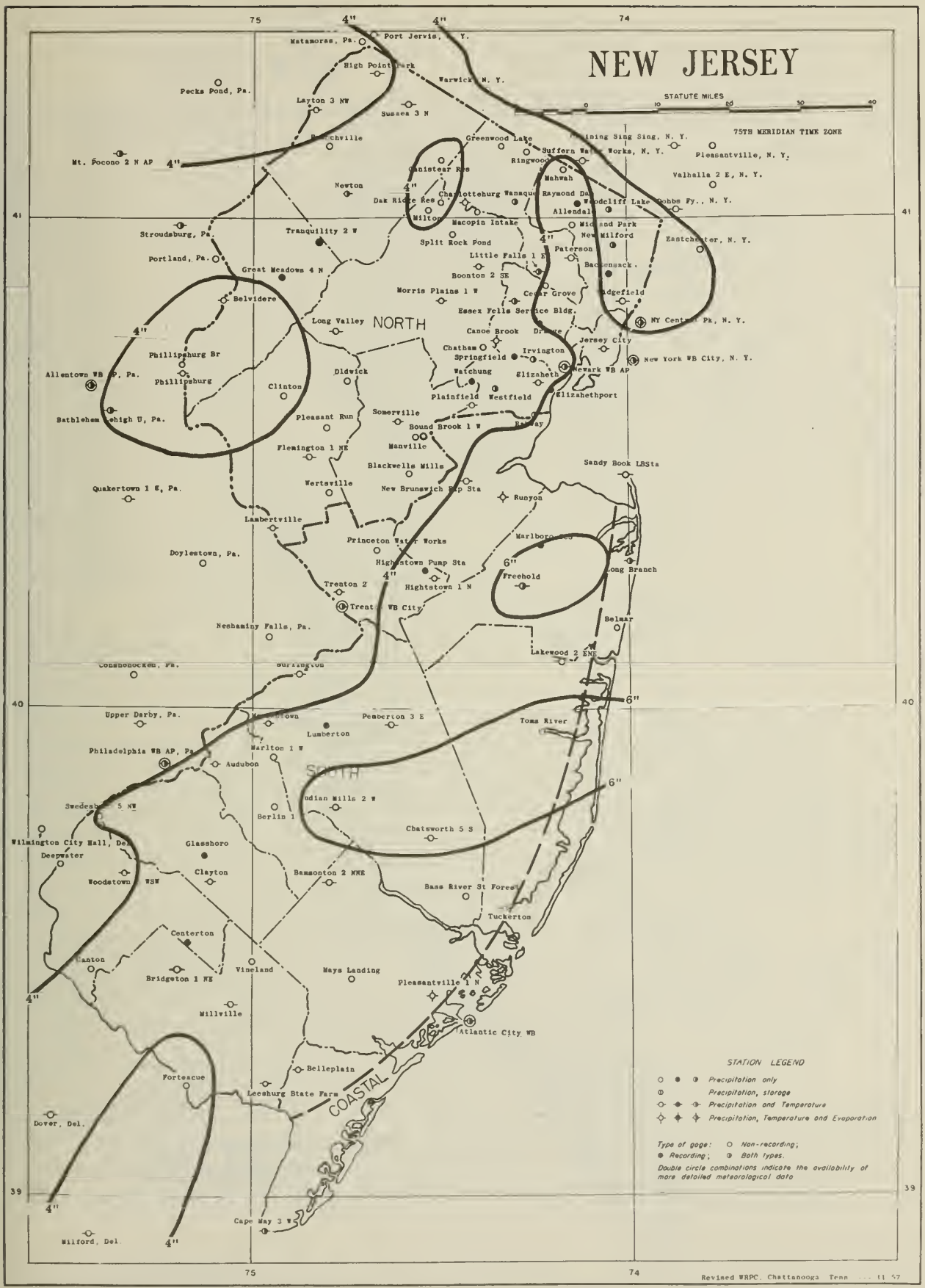
Measured under Kentucky Bluegrass. Instrumentation: Copper-constantan Thermocouples connected to a Brown Electronik Potentiometer.

SUPPLEMENTAL DATA

Station	Wind direction		Wind speed m. p. h.				Relative humidity averages percent				Number of days with precipitation							Percent of possible sunshine	Average sky cover sunrise to sunset
	Prevailing	Percent of time from prevailing	Average	Fastest mile	Direction of fastest mile	Date of fastest mile	1:00 a EST	7:00 a EST	1:00 p EST	7:00 p EST	Trace	.01–.09	.10–.49	.50–.99	1.00–1.99	2.00 and over	Total		
ATLANTIC CITY WB CITY	-	-	15.6	46	N	7	-	-	-	-	4	6	5	4	0	0	19	55	6.8
LONG BRANCH	S	14	13.3	38	E	6	-	82	67Ø	69	3	4	6	3	1	0	17	56	6.7
NEWARK WB AIRPORT	SSW	12	10.0	28++	WNW	29	77	73	58	64	4	4	12	1	0	0	21	-	6.6
TRENTON WB CITY	-	-	9.6	25	N	13	-	-	-	-	1	8	5	3	0	0	17	60	6.2
Ø 12:00 Noon																			

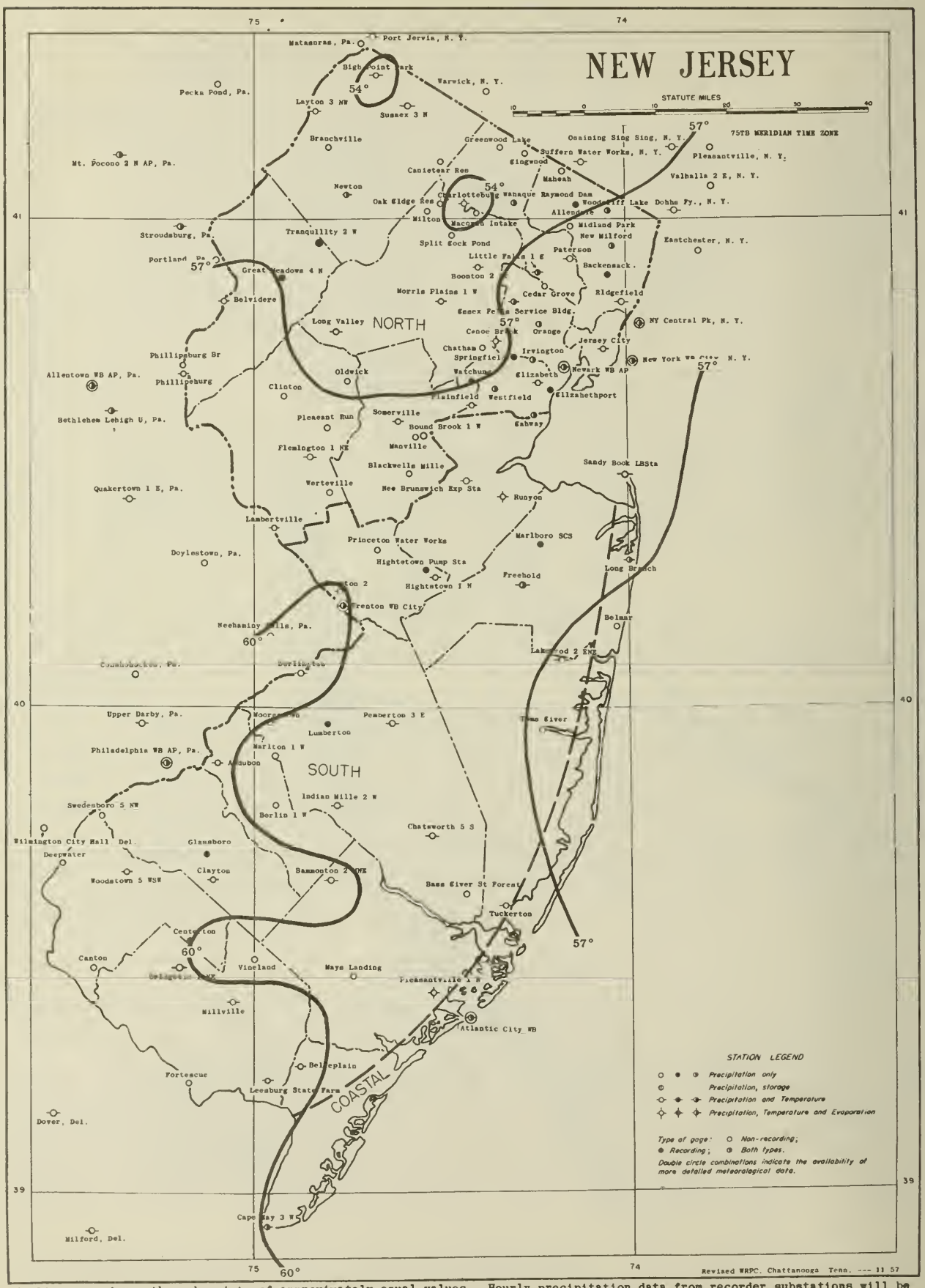
See reference notes following Station Index.

TOTAL PRECIPITATION



Isolines are drawn through points of approximately equal values. Hourly precipitation data from recorder substations will be available in the publication "Hourly Precipitation Data".

AVERAGE TEMPERATURE



Isolines are drawn through points of approximately equal values. Hourly precipitation data from recorder substations will be available in the publication "Hourly Precipitation Data".

STATION INDEX

STATION	INDEX NO.	COUNTY	DRAINAGE ‡	LATITUDE	LONGITUDE	ELEVATION	OBSERVATION TIME AND TABLES: TEMP.	PRECIP.	EVAP.	SPECIAL (SEE NOTES)	OBSERVER
ALLENDALE	0100	BERGEN	8	41 02	74 08	270				C	BERGEN COUNTY ENGS
# ATLANTIC CITY WB	0325	ATLANTIC	1	39 22	74 25	8	MID	MID		C HJ	U.S. WEATHER BUREAU
AUDUBON	0346	CAMDEN	2	39 54	75 04	50	11P	11P			IRVIN J. NYGREN
BASS RIVER ST FOREST	0528	BURLINGTON	1	39 37	74 26	20		6P		H	N.Y. FORESTRY SVC
BELLEPLAIN	0690	CAPE MAY	1	39 16	74 52	49	5P	5P			MRS. ED C. HOFFMAN
BELMAR	0721	MONMOUTH	1	40 10	74 02	19		MID			CITY WATER DEPT
BELVIDERE	0729	WARREN	2	40 50	75 05	289	5P	5P		H	MISS C. S. HIXSON
BERLIN 1 W	0787	CAMDEN	7	39 48	74 57	150		7A			SAMUEL M. MC CULLEY
BLACKWELLS MILLS	0847	SOMERSET	10	40 29	74 35	27		7A			HENRY M. MILLER
BOONTON 2 SE	0907	MORRIS	8	40 54	74 24	260	8A	8A			JERSEY CITY WTR WKS
BOUND BROOK 1 W	0927	SOMERSET	10	40 33	74 33	20		8A			AMERICAN CYANAMID CO
BRANCHVILLE	0978	SUSSEX	2	41 09	74 45	570		7A			ALBERT M. DAVENPORT
BRIDGETON 1 NE	1028	CUMBERLAND	2	39 28	75 12	114	9A	9A			RADIO STATION WSNJ
BURLINGTON	1211	BURLINGTON	2	40 04	74 53	12	6P	6P			PUBLIC SVC E + G CO
CANISTEAR RESERVOIR	1327	SUSSEX	8	41 07	74 30	1040		8A			NEWARK WATER DEPT
CANOE BROOK	1335	ESSEX	8	40 45	74 21	180	9A	9A	9A		COMMONWEALTH WTR CO
CANTON	1343	SALEM	2	39 28	75 25	20		9A			GERTRUDE S. WILLIS
CAPE MAY 3 W	1351	CAPE MAY	1	38 56	74 57	17	5P	5P		C	N.WEST MAGNESITE CO
CEDAR GROVE	1472	ESSEX	8	40 52	74 13	400		8A			J. A. PLUNKETT
CENTERTON	1512	SALEM	6	39 51	75 10	80				C	JOHN HOPKINS UNI.
CHARLOTTEBURG	1582	PASSAIC	8	41 03	74 26	760	7A	7A		H	NEWARK WATER DEPT
CHATHAM	1590	MORRIS	8	40 44	74 23	185		8A		C	EDWARD P. MOLITOR
CHATSWORTH 5 S	1598	BURLINGTON	1	39 44	74 32	90	5P	5P			WILLIAM S. MAINES
CLAYTON	1708	GLOUCESTER	6	39 39	75 06	120	6P	6P		H	HARRY P. CAMPBELL
CLINTON	1749	HUNTERDON	10	40 38	74 55	300		6P			L. W. KLOCKNER
DEEPWATER	2209	SALEM	2	39 41	75 30	12		MID			DU PONT DE NEMOURS
ELIZABETH	2644	UNION	1	40 40	74 14	33	5P	5P			UNION CO PARK COMM
ELIZABETHPORT	2652	UNION	8	40 39	74 12	30		MID		C	SEWAGE TREATMENT PL
ESSEX FELLS SERV BLDG	2798	ESSEX	8	40 50	74 18	250	8A	8A		C	BOROUGH ESSEX FELLS
FLEMINGTON 1 NE	3029	HUNTERDON	10	40 31	74 51	134	5P	5P		H	DONALD YOUNG
FORTESCUE	3102	CUMBERLAND	2	39 14	75 10	5		7A			JOHN LOPER
FREEHOLD	3181	MONMOUTH	10	40 15	74 17	194	6P	6P		C H	FRANK J. MOREAU
GLASSBORO	3291	GLOUCESTER	2	39 42	75 07	150				C	PROF. J. H. SANGREE
GREAT MEADOWS 4 N	3416	WARREN	2	40 56	74 55	540				C	GAMMA CHEMICAL CORP.
GREENWOOD LAKE	3516	PASSAIC	8	41 09	74 20	660		7A			GEORGE T. WIGGINS
HACKENSACK	3572	BERGEN	4	40 53	74 03	10				C	BERGEN COUNTY ENGS
HAMMONTON 2 NNE	3662	ATLANTIC	7	39 39	74 48	85	8A	8A			W. HUBBARD PARKHURST
HIGH POINT PARK	3935	SUSSEX	2	41 18	74 40	1570	8A	8A			MR. J. DEPT. OF CONS.
HIGHTSTOWN 1 N	3951	MERCER	10	40 16	74 31	100	8P	8P		H	JAMES R. PICKERING
HIGHTSTOWN PUMPING STA	3956	MERCER	10	40 17	74 32	75				C	DEPT WATER + SEWAGE
INDIAN MILLS 2 W	4229	BURLINGTON	7	39 48	74 47	100	7P	7P		H	EDWARD ENTWISTLE
IRVINGTON	4260	ESSEX	1	40 43	74 15	120		MID		C	JOINT MEETING GARAGE
JERSEY CITY	4339	HUDSON	1	40 44	74 04	135	MID	MID			JERSEY CITY WTR DEPT
LAMBERTVILLE	4635	HUNTERDON	2	40 22	74 57	75	6P	6P		H	E. E. CASE
LAUREL TON 1 E	4700	OCEAN	1	40 04	74 07	20	MID	MID		C H	GEORGE G. WADDILL
LAYTON 3 NW	4735	SUSSEX	2	41 15	74 51	480	6P	6P		H	A. M. OEPUE
LEESBURG STATE FARM	4762	CUMBERLAND	6	39 14	74 58	10	4P	4P			LEESBURG STATE FARM
LITTLE FALLS 1 E	4867	PASSAIC	8	40 53	74 14	157	9A	9A		C H	PASSAIC VLY WTR COMM
LONG BRANCH	4987	MONMOUTH	1	40 18	73 59	34	MID	MID		C HJ	STORM WARN. OSPL STA
LONG VALLEY	5003	MORRIS	10	40 48	74 46	660	6P	6P		H	ARTHUR BARKNAN
LUMBERTON	5055	BURLINGTON	2	39 58	74 48	25				C	JAMES LAWTON
MACOPIN INTAKE	5071	PASSAIC	8	41 01	74 24	584		9A			NEWARK WATER DEPT
MAHWAH	5104	BERGEN	8	41 06	74 10	253		7A			ROBERT G. GLASGOW
MANVILLE	5197	SOMERSET	10	40 33	74 34	50		MID			JOHN L. RADCLIFFE
MARLBORO SCS	5244	MONMOUTH	1	40 20	74 14	120				C	GEROW BRILL
MARLTON 1 W	5252	BURLINGTON	2	39 54	74 57	90		6P			DAVID GRISCOM
MAYS LANDING	5346	ATLANTIC	3	39 27	74 44	50		5P		H	ELMER EAHLE
MIDLAND PARK	5503	BERGEN	1	40 59	74 09	210		MID			RIDGEWOOD WATER CO.
MILLVILLE	5576	CUMBERLAND	6	39 24	75 03	60	8A	8A		C H	L. J. GALLAHER
MILTON	5597	MORRIS	8	41 01	74 32	950		7A			JERSEY CITY WTR WKS
MODRESTOWN	5728	BURLINGTON	2	39 58	74 58	55	MID	8A		H	M. J. WILLARD
MORRIS PLAINS	5769	MORRIS	8	40 50	74 30	500	8A	8A		H	JAMES C. LONG
NEWARK WB AIRPORT	6026	ESSEX	1	40 42	74 10	11	MID	MID		C HJ	U. S. WEATHER BUREAU
NEW BRUNSWICK EXP STA	6062	MIDDLESEX	10	40 28	74 26	80	5P	5P		GH	ARTHUR M. AHLQUIST
NEW MILFORD	6146	BERGEN	4	40 57	74 02	12		MID		C	HACKENSACK WATER CO
NEWTON	6177	SUSSEX	2	41 03	74 45	565	8A	8A		C H	NEWTON WTR SWR COMM
OAK RIDGE RESERVUIR	6460	PASSAIC	8	41 02	74 30	870		8A			NEWARK WATER DEPT
OLDWICK	6544	HUNTERDON	10	40 40	74 45	260		8A			DAN A. COUGHLIN
ORANGE	6560	ESSEX	8	40 47	74 14	140		MID		C	COUNTY ENGINEER
PATERSON	6775	PASSAIC	8	40 55	74 09	100	8A	8A		H	P. J. DEL VECCHIO
PEMBERTON 3 E	6843	BURLINGTON	2	39 58	74 38	60	5P	5P		H	CHARLES A. DOEHLERT
PHILLIPSBURG	6974	WARREN	2	40 41	75 12	182	3P	3P		H	SEWAGE DISPOSAL PLT
PHILLIPSBURG BRIDGE	6979	WARREN	2	40 42	75 12	196		9A			JOINT TULL BRIDGE COM
PLAINFIELD	7079	UNION	10	40 36	74 25	120	6P	6P		H	MRS VIVIAN SCHERER
PLEASANT RUN	7123	HUNTERDON	10	40 34	74 48	140		7A			JOHN M. BERRYMAN
PLEASANTVILLE 1 N	7131	ATLANTIC	1	39 25	74 31	8	8A	8A	8A		ATLANTIC CITY WTR WK
PRINCETON WATER WORKS	7328	MERCER	10	40 19	74 40	90		MID		C H	PRINCETON WATER CO
RAHWAY	7393	UNION	9	40 36	74 15	20		MID		C H	RAHWAY VLY SWG AUTH
RIDGEFIELD	7545	BERGEN	4	40 50	74 01	80	MID	MID		H	GEORGE P. KINSTEN
RINGWOOD	7587	PASSAIC	8	41 08	74 16	305		10A			NO JERSEY WTR SUPPLY
RUNYON	7825	MIDDLESEX	1	40 26	74 20	18	6P	6P	6P		N.J. WATER COMM
SANDY HOOK LBSTA	7869	MONMOUTH	1	40 28	74 01	22	7P	7P			U. S. COAST GUARD
SOMERVILLE	8194	SOMERSET	10	40 34	74 37	75	6P	6P		H	W. E. MAYER
SPLIT ROCK POND	8402	MORRIS	8	40 58	74 28	900		10A			JERSEY CITY D P W
SPRINGFIELD	8423	UNION	1	40 43	74 18	-				C	N.J. DEPT UF CONS
SUSSEX 3 N	8644	SUSSEX	5	41 14	74 35	530	7A	7A			BRICE B. STANTON
SWEDESBORO 3 NW	8685	GLOUCESTER	2	39 47	75 24	10		12N			SUN OIL CO
TOMS RIVER	8816	OCEAN	1	39 57	74 14	10		5P			ROBERT F. SNYDER
TRANQUILITY 2 W	8838	WARREN	2	40 57	74 50	551				C	M. J. ERVEY
TRENTON 2	8878	MERCER	2	40 14	74 46	105	MID	MID			E. M. RISTUW
# TRENTON WB CITY	8883	MERCER	2	40 13	74 46	56	MID	MID		C HJ	U.S. WEATHER BUREAU
TUCKERTON	8899	OCEAN	1	39 36	74 20	10	6P	6P			REV EDWARD U. MEGILL
VINELAND	9135	CUMBERLAND	6	39 29	75 00	110		8A			STATE HOME FOR WOMEN
WANAQUE RAYMOND DAM	9187	PASSAIC	8	41 03	74 18	320		8A		C H	WATER SUPPLY COMM
WATCHUNG	9271	UNION	8	40 40	74 25	-				C	BUNNIE BURN SAN.
WERTSVILLE	9363	HUNTERDON	10	40 27	74 48	160		7A			RUBERT M. MANNERS
# WESTFIELD	9455	UNION	9	40 39	74 21	138		5P		C	CITY ENGINEER
WOODCLIFF LAKE	9832	BERGEN	4	41 01	74 03	103		MID		C	HACKENSACK WATER CO
WOODSTOWN	9910	SALEM	2	39 39	75 19	50	5P	5P			CREAM VALLEY DAIRY

‡ 1-COASTAL; 2-DELAWARE; 3-GREAT EGG HARBOR; 4-HACKENSACK; 5-HUDSON; 6-MAURICE; 7-MULLICA; 8-PASSAIC; 9-RAHWAY; 10-RARITAN; 11-ROCKAWAY

REFERENCE NOTES

Additional information regarding the climate of New Jersey may be obtained by writing to the State Climatologist at Weather Bureau Office, c/o General Delivery, Trenton, New Jersey or to any Weather Bureau Office near you.

Figures and letters following the station name, such as 12 SSW, indicate distance in miles and direction from the post office.

Delayed data and corrections will be carried only in the June and December issues of this bulletin.

Monthly and seasonal snowfall and heating degrees for the preceding 12 months will be carried in the June issue of this bulletin.

Stations appearing in the Index, but for which data are not listed in the tables, either are missing or were received too late to be included in this issue.

Divisions, as used in "Climatological Data" Table and on the maps, became effective with data for September 1956.

Unless otherwise indicated, dimensional units used in this bulletin are: Temperature in °F, precipitation and evaporation in inches and wind movement in miles. Monthly degree day totals are the sums of the negative departures of average daily temperatures from 65° F.

Evaporation is measured in the standard Weather Bureau type pan of 4 foot diameter unless otherwise shown by footnote following the "Evaporation and Wind" Table. Max and Min in "Evaporation and Wind" Table refer to extremes of temperature of water in pan as recorded during 24 hours ending at time of observation.

Long-term means for full-time stations (those shown in the Station Index as "U. S. Weather Bureau") are based on the period 1921-1950, adjusted to represent observations taken at the present location. Long-term means for all stations except full-time Weather Bureau stations are based on the period 1931-1955.

Water equivalent values published in the "Snowfall and Snow on Ground" Table are the water equivalent of snow, sleet, or ice on the ground. Samples for obtaining measurements are taken from different points for successive observations; consequently occasional drifting and other causes of local variability in the snowpack may result in apparent inconsistencies in the record.

Entries of snowfall in the "Climatological Data" Table and the "Snowfall and Snow on Ground" Table, and in the "Seasonal Snowfall" Table include snow and sleet. Entries of snow on ground include snow, sleet and ice.

Data in the "Daily Precipitation" Table; "Daily Temperature" Table; and "Evaporation and Wind" Table, and snowfall in the "Snowfall and Snow on Ground" Table, when published, are for the 24 hours ending at time of observation. The Station Index shows observation times in local standard time. During the summer months some observers take the observations on daylight saving time.

Snow on ground in the "Snowfall and Snow on Ground" Table is at observation time for all except Weather Bureau and CAA stations. For these stations snow on ground values are at 7:00 a.m., E.S.T.

No record in the "Climatological Data" Table and the "Daily Temperature" Table is indicated by no entry.

Interpolated values for monthly precipitation totals may be found in the annual issue of this publication.

\- No record in the "Daily Precipitation" Table; "Evaporation and Wind" Table; "Snowfall and Snow on Ground" Table; and the Station Index.
\+ And also on an earlier date or dates.
++ Fastest observed one minute wind speed. This stations is not equipped with automatic wind instruments.
* Amount included in following measurement, time distribution unknown.
\# Thermometers are generally exposed in a shelter located a few feet above sod-covered ground; however, the reference indicates that the thermometers are exposed in a shelter located on the roof of a building.
// Gage is equipped with a windshield.
AR This entry in time of observation column in Station Index means after rain.
AM Data based on observational day ending before noon.
B Adjusted to a full month.
D Water equivalent of snowfall wholly or partly estimated, using a ratio of 1 inch water equivalent to every 10 inches of new snowfall.
M One or more days of record missing; if average value is entered, less than 10 days record is missing. See "Daily Temperature" Table for detailed daily record. Degree day data, if carried for this station, have been adjusted to represent the value for a full month.
R Amounts from recording gage. (These amounts are essentially accurate but may vary slightly from the amounts to be published later in Hourly Precipitation Data.)
SS This entry in time of observation column in Station Index means observation made near sunset.
T Trace, an amount too small to measure.
Y Includes total for previous month.
Z Observation time is 1:00 a.m., E.S.T. of the following day.
VAR This entry in time of observation column in Station Index means variable.

In the Station Index the letters C, G, H, and J in the "Special" column under the heading "Observation Time and Tables", indicate the following.

C Weighing Rain Gage Recording Station. Hourly precipitation values are processed for special purposes, and are published later in "Hourly Precipitation Data" Bulletin.
G "Soil Temperature" Table.
H "Snowfall and Snow on Ground" Table. Omission of data in any month indicates no snowfall and/or snow on ground in that month.
J "Supplemental Data" Table.

Information concerning the history of changes in locations, elevations, exposure etc. of substations through 1955 may be found in the publication "Substation History" for this state. That publication may be obtained from the Superintendent of Documents, Government Printing Office, Washington 25, D. C. for 15 cents. Similar information for regular Weather Bureau stations may be found in the latest annual issue of Local Climatological Data for the respective stations, obtained as indicated above, price 15 cents.

General weather conditions in the U. S. for each month are described in the publications MONTHLY WEATHER REVIEW and the monthly CLIMATOLOGICAL DATA, NATIONAL SUMMARY, either of which may be obtained from the Superintendent of Documents, Government Printing Office, Washington 25, D. C.

Subscription Price: 20 cents per copy, monthly and annual; $2.50 per year. (Yearly subscription includes the Annual Summary). Checks, and money orders should be made payable to the Superintendent of Documents. Remittance and correspondence regarding subscriptions should be sent to the Superintendent of Documents, Government Printing Office, Washington 25, D. C.

USCOMM-WB-Ashsville, N. C. --- 7/7/58 --- 750

1.05
NNJ
P.1

U. S. DEPARTMENT OF COMMERCE
SINCLAIR WEEKS, Secretary
WEATHER BUREAU
F. W. REICHELDERFER, Chief

CLIMATOLOGICAL DATA

NEW JERSEY

JUNE 1958
Volume LXIII No. 6



THE LIBRARY OF THE
SEP 4 1958
UNIVERSITY OF ILLINOIS

ASHEVILLE: 1958

NEW JERSEY - JUNE 1958

TEMPERATURE AND PRECIPITATION EXTREMES

Highest Temperature: 94° on the 11th at Indian Mills 2 W

Lowest Temperature: 29° on the 7th at Layton 3 NW

Greatest Total Precipitation: 5.98 inches at Marlton 1 W

Least Total Precipitation: 1.64 inches at Phillipsburg Bridge

Greatest One-Day Precipitation: 2.03 inches on the 26th at Atlantic City WB

SPECIAL WEATHER SUMMARY

Unseasonably cool weather prevailed throughout the state during June. Average temperatures for the month were the lowest since 1927 in Trenton and Atlantic City, and the lowest since the establishment of the station in Newark in 1931. Very few readings of 90° or higher were recorded in the state. The highest temperature in Trenton was 89° on the 26th. Normally Trenton can expect 4 days with temperatures 90° or higher during June. In most locations temperatures averaged from 3° to 6° below the seasonal level.

A tornado struck northeastern Burlington and southern Mercer counties on Friday the 13th, cutting a path one mile long and 100 yards wide between Bordentown Township and Groveville, moving from east to west. There was one injury and considerable property damage. About 90 minutes after the tornado struck the Bordentown-Groveville area, a tornado moved eastward across Barnegat Bay and struck a two-block section of Mantoloking, in northeastern Ocean County, and then moved out into the ocean. No injuries were reported from this tornado, although property damage did occur.

The resort business in the state suffered considerably from the cool weather during June, both at the seashore and in the mountain lake region. Summer rentals of seaside cottages during June were reported to be about 50 percent of the amount for a year ago. On one Sunday in June only 300 autos visited Hopatcong State Park, compared with 1100 which is the average number for a June Sunday.

Donald V. Dunlap, State Climatologist
U. S. Weather Bureau
Trenton, New Jersey

CLIMATOLOGICAL DATA

Station		Temperature													Precipitation									
		Average Maximum	Average Minimum	Average	Departure From Long Term Means	Highest	Date	Lowest	Date	Degree Days	No. of Days Max 90° or Above	No. of Days Max 32° or Below	No. of Days Min 32° or Below	No. of Days Min 0° or Below	Total	Departure From Long Term Means	Greatest Day	Date	Snow, Sleet Total	Snow, Sleet Max Depth on Ground	Snow, Sleet Date	No. of Days .10 or More	No. of Days .50 or More	No. of Days 1.00 or More
NORTHERN																								
BELVIDERE		79.6	52.7	66.2	- 4.6	91	30	41	7	45	2	0	0	0	2.50	- 1.90	.70	20	.0	0		6	2	0
BOONTON 2 SE	AM	74.8	52.2	63.5	- 4.4	85	30	40	7	91	0	0	0	0	2.07	- 1.99	.50	14	.0	0		7	1	0
CANOE BROOK	AM	75.5	53.2	64.4	- 3.5	88	27	42	16	79	0	0	0	0	3.43	- .78	.96	14	.0	0		8	3	0
CHARLOTTEBURG	AM	73.6	46.9	60.3	- 6.5	83	30+	34	18	159	0	0	0	0	1.75	- 2.74	.32	21	.0	0		6	0	0
ELIZABETH		77.6	55.8	66.7	- 4.3	91	26	44	7	44	1	0	0	0	3.65	- .26	.70	9	.0	0		11	3	0
ESSEX FELLS SERV BLDG	AM	75.8	54.1	65.0		87	26	42	16+	75	0	0	0	0	1.94		.73	27	.0	0		7	1	0
FLEMINGTON 1 NE		78.9	52.4	65.7	- 5.1	90	26	38	7	56	1	0	0	0	3.44	- .48	.67	9	.0	0		9	3	0
HIGH POINT PARK	AM	71.3	48.5	59.9		83	30	35	7	158	0	0	0	0	2.57		1.17	11	.0	0		8	1	1
JERSEY CITY		73.1	57.0	65.1	- 5.2	88	26	46	7	59	0	0	0	0	4.07	.55	.96	18	.0	0		10	3	0
LAMBERTVILLE		78.8	54.8	66.8	- 3.2	88	26	39	7	46	0	0	0	0	2.76	- 1.19	.51	22	.0	0		9	1	0
LAYTON 3 NW		76.7	47.2	62.0	- 5.3	88	30	29	7	127	0	0	1	0	2.09	- 2.12	.83	11	.0	0		8	1	0
LITTLE FALLS 1 E	AM	77.3	54.1	65.7	- 4.0	88	30+	41	7	62	0	0	0	0	1.83	- 2.62	.41	22	.0	0		6	0	0
LONG VALLEY		75.9	50.1	63.0		86	30+	38	18+	102	0	0	0	0	2.45	- 1.84	.56	21	.0	0		7	1	0
MORRIS PLAINS	AM	75.2	51.8	63.5		85	30+	40	18+	94	0	0	0	0	1.95		.48	22	.0	0		6	0	0
NEWARK WB AIRPORT	R	77.0	58.0	67.5	- 3.0	92	26	49	7	25	2	0	0	0	3.66	- .14	.95	26	.0	0		8	3	0
NEWTON	AM	74.5	50.3	62.4	- 5.1	85	2	35	7	123	0	0	0	0	1.93	- 2.54	.62	11	.0	0		5	1	0
PATERSON	AM	76.6M	55.8M	66.2M	- 4.5	91	30	45	7	51	1	0	0	0	2.28	- 2.07	.62	27	.0	0		8	1	0
PHILLIPSBURG		77.9	54.4	66.2	- 3.6	87	30	41	7	50	0	0	0	0	2.49	- 1.90	1.08	9	.0	0		5	1	1
PLAINFIELD		77.2	54.7	66.0	- 3.9	90	26	42	7	49	1	0	0	0	4.15	- .42	1.03	9	.0	0		10	2	1
RIDGEFIELD		77.2	55.5	66.4	- 3.6	91	26	42	7	43	1	0	0	0	3.28	- .48	.88	26	.0	0		9	1	0
SOMERVILLE		77.7	54.8	66.3	- 3.5	88	30	43	18	45	0	0	0	0	3.60	- .40	1.15	9	.0	0		9	2	1
SUSSEX 3 N	//AM	74.4	50.0	62.2	- 6.7	84	30+	36	7	114	0	0	0	0	1.67	- 2.53	.67	11	.0	0		6	1	0
DIVISION				64.6	- 4.6										2.71	- 1.45			.0					
SOUTHERN																								
AUDUBON		79.1	57.2	68.2		91	26	45	5	22	2	0	0	0	5.81		1.85	11	.0	0		8	5	2
BELLEPLAIN		79.0	54.7	66.9		93	11	42	7+	53	1	0	0	0	3.84	1.41	1.56	27	.0	0		7	3	1
BRIDGETON 1 NE	AM			M		92	12				2	0	0	0	3.10	- .34	1.10	22	.0	0		6	3	1
BURLINGTON		80.1	57.0	68.6	- 4.2	92	26	43	18	17	2	0	0	0	3.21	- .52	.68	26	.0	0		9	1	0
CHATSWORTH 5 S																								
CLAYTON		78.5	57.2	67.9		90	11	46	7	25	1	0	0	0	4.31		1.05	22	.0	0		8	4	1
FREEHOLD		77.1	54.6	65.9	- 4.4	91	26	40	7	51	1	0	0	0	2.92	- .81	.70	13	.0	0		9	1	0
† HAMMONTON 2 NNE	AM	79.8	57.1	68.5	- 3.0	94	12	44	7	25	2	0	0	0	3.20	- .84	1.22	27	.0	0		6	3	1
HIGHTSTOWN 1 N		77.4	55.2	66.3	- 3.5	90	26	42	7	51	1	0	0	0	2.34	- 1.66	.40	22	.0	0		10	0	0
INDIAN MILLS 2 W		79.2	54.1	66.7	- 3.6	94	11	35	7	58	2	0	0	0	3.29	- .76	.92	11	.0	0		7	3	0
LAURELTON 1 E		76.2	52.6	64.4	- 5.5	90	26	39	7	84	1	0	0	0	3.47	- .04	.71	13	.0	0		9	2	0
LEESBURG STATE FARM		78.4	59.0M	68.7M		89	11	46	7	26	0	0	0	0	2.95		1.55	27	.0	0		5	1	1
MILLVILLE		79.4	58.4	68.9		93	12	46	7	29	2	0	0	0	2.90		.92	26	.0	0		8	1	0
MOORESTOWN		77.9M	55.3M	66.6M	- 3.6	89	26	44	7	44	0	0	0	0	4.32	.68	1.39	27	.0	0		8	4	1
NEW BRUNSWICK EXP STA		77.2	55.7	66.5	- 3.5	89	26	45	7	46	0	0	0	0	2.99	- .84	.55	22	.0	0		10	2	0
PEMBERTON 3 E		79.6	53.9	66.8	- 4.4	91	26	40	7	49	2	0	0	0	3.55	- .34	.93	20	.0	0		8	3	0
PLEASANTVILLE 1 N	AM	75.1	56.2	65.7	- 3.7	86	10	43	7	61	0	0	0	0	4.25	1.11	2.00	27	.0	0		5	3	2
RUNYON																								
TRENTON 2		78.0	56.7	67.4		91	26	44	7	30	1	0	0	0	2.98	- 1.27	.51	21	.0	0		9	1	0
TRENTON WB CITY	R	76.7	58.0	67.4	- 3.4	89	26	46	7	34	0	0	0	0	2.87	- 1.00	.55	21	.0	0		8	2	0
TUCKERTON		77.0	54.2	65.6		89	9	36	7	55	0	0	0	0	2.40		.60	22+	.0	0		7	3	0
WOODSTOWN		80.0	57.7M	68.9M		92	11	46	5	23	3	0	0	0	4.10		1.26	22	.0	0		10	2	1
DIVISION				67.1	- 3.6										3.45	- .26			.0					
COASTAL																								
ATLANTIC CITY WB AP				M																				
ATLANTIC CITY WB	R	71.3	60.1	65.8	- 2.9	88	9	51	7	41	0	0	0	0	4.38	1.39	2.03	26	.0	0		6	3	1
CAPE MAY 3 W		75.7M	58.5M	67.1M		88	13	48	5	32	0	0	0	0	2.66		1.45	27	.0	0		6	1	1
LONG BRANCH		73.5	56.4	65.0	- 4.2	89	30	49	15+	69	0	0	0	0	2.34	- 1.25	.69	13	.0	0		8	1	0
SANDY HOOK LBSTA																								
DIVISION				66.0	- 3.4										3.13	- .04			.0					

† DATA RECEIVED TOO LATE TO BE INCLUDED IN DIVISION AVERAGES

See Reference Notes Following Station Index

DAILY PRECIPITATION

Station	Total	Day of month 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
ATLANTIC CITY WB AP	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			.03		.16	.02	.49	.07			1.13	.04				
ATLANTIC CITY WB R	4.38		.32								.03	.84		T					.07		.09	.13	.19	.00			2.03	.02				
AUDUBON	3.61		T						T	T	.63	1.85							.15		.71	.48	.50				1.23	.20				
BASS RIVER ST FOREST	3.26		.20							.12		.21							.52		.11	.62					1.48					
BELLEPLAIN	3.84											.00	.60						.38		.22		.38	.10				1.30				
BELMAR		RECORD MISSING																														
BELVIDERE	2.50									.85	.07	T		.04	.34				.15		.70	.25	.20				.04					
BERLIN 1 W	3.81										.20	.33	1.11							.25	.00		.70					.02				
BLACKWELLS MILLS	2.70			T							.30	.15	.11		.34					.10	.14	.12	.64					.31				
BOONTON 2 SE	2.07									.20	.09	.04	.06		.50					.10	.10	.31	.44			.02		.12				
BOUND BROOK 1 W	3.08									.10	.49	.14	.07		.17					.23	.34	.01	.03					.80				
BRANCHVILLE	2.33						T			T	.17	.95			.20					.11	.32	.22	.20					.09				
BRIDGETON 1 NE	3.10										.23	T	.70							.15	T		1.10	T	.10			.00				
BURLINGTON	3.21		.01							.18	.36	.21	.12						.00		.43	.33	.38				.68	.43				
CANISTEAR RESERVOIR	2.95									.03	.03	1.14	.01		.45					.12	.31	.17	.20					.47				
CAMDEN BROOK	3.43									.31	.15	.00	.08		.90					.20	.12	.21	.59					.74				
CANTON	3.86		.32								.03	.02	.70							.11	.13		1.08	.06				1.17				
CAPE MAY 3 W	2.66		.09	.10							.07		.06	.03						.21	.13		.40	.10				1.45				
CEDAR GROVE	2.48									.28	.11	.00	.03		.30					.18	.19	.17	.47					.07				
CHARLOTTEBURG	1.75									.05	.00	.27	.03		.27					.08	.24	.32	.20					.17				
CHATHAM	2.88										.14	.09	.04		.78						.19	.11	.22	.58					.74				
CHATSWORTH 5 S		RECORD MISSING																														
CLAYTON	4.31		.18								.42	.70	.04	T	T	T			.52		.23	.17	1.03	.00			.02	.00				
CLINTON	2.98						1.02				.10	T	.06	.09					.14	.08	.40	.28	.36				.03	.38				
DEEPWATER	3.32		.09								.43	.99							.28		.26	*	1.27									
ELIZABETH	3.65		.02							.70	.13			.13	.13				.10	.35	.25	.15	.05				.55	.45				
ELIZABETHPORT	3.08		.08							.52	.10	.10		.14	.08				.42	.08	.22	.43	.28				.03					
ESSEX FELLS SERV BLDG	1.94										.35	.11								.12	.10	.10	.37					.73				
FLEMINGTON 1 NE	3.44		T							.07	.28	.09	T		.24				.13	T	.46	.20	.50				.21	.60				
FORTESCUE	2.17												.10							.31	.03	.07	.54	.14				.98				
FREEHOLD	2.92		.03					T		.12	.16	.09	.27	.70	.04				.18	.07	.11	.08	.41				.31	.33				
GREENWOOD LAKE	3.06									.03	.05	1.24	.04		.37					.09	.23	.33	.20					.50				
HAMMONTON 2 NNE	3.20		.05								.03	.01	.15							.55	.10	.17	.79	.05	.08			1.22				
HIGH POINT PARK	2.57		.10				.10			.08	.20	1.17	.02		.28					.25	.19	.07	.12				.01					
HIGHTSTOWN 1 N	2.34		T						T	.30	.28	.21		.13					.15		.14	.24	.40	T			.35	.14				
INDIAN MILLS 2 W	3.29		.04						T	T	.04	.92	T		T				.22		.27	.13	.79	.04			.74	.10				
IRVINGTON	3.91								T	.39	.10	.07		.85	.04				.20		.30	.55	.09				1.20					
JERSEY CITY	4.07		.03						T	.30	.15	.07		.04	.82				.90	.10	.31	.37	.22				.80	.10				
LAMBERTVILLE	2.70								T	.31	.23		.08	.46					.15	.02	.25	.33	.51				.20	.22				
LAURELTON 1 E	3.47		.20							.45	.15	.24		.71					.09	T	.40	.35	.23	.03			.02					
LAYTON 3 NW	2.09		.14				.03	.03	.02	.10	.10	.93		.00	.02				.11	.11	.30	.05	.10					1.55				
LEESBURG STATE FARM	2.95										.02	.02	.29						.00	.32	.12	.04	.45	.08				.30				
LITTLE FALLS 1 E	1.83									.20	.08	.03	.04		.26					.17	.25	.09	.41									
LONG BRANCH	2.34		.02						T	T	.18	.34		.60					.13	T	.11	.34	.21	T			.32					
LONG VALLEY	2.45									.43	.07	.03		.20	.48				.14		.42	.36					.10					
MACOPIN INTAKE	1.84									.06	.86	.21	.03		.30					.08	.30	.23	.27					.19				
MAHWAH	2.21						T			.03	.02	.53	.94		.34					.12	.24	.24	.17					.48				
MANVILLE	4.08		.10							.83	.20	.12		.28					.35	.38	.83		.20				.93					
MARLTON 1 W	5.98									.04	.80	1.77	.36						.14		.60	.80	.24				.74	.40				
MAYS LANDING	3.44		.04								.03		.51	.03					.91		.25	.10	.30					1.29				
MIDLAND PARK	1.98									.12	.08	.07		.08	.39				.10	.15	.41	.31	.01				.28	.01				
MILLVILLE	2.90		.07								.04	.40							.16		.15	.44	.24	.12			.02	.23				
MILTON	2.09									.05	.18	.40	.04		.14					.12	.50	.32	.14					.22				
MOORESTOWN	4.32		.06								.33	.14	.64							.11	.15	.00	.99					1.30				
MORRIS PLAINS	1.98		T						T	.23	.00	.04	.04		.45					.00	.18	.18	.48			T		.17				
NEWARK WB AIRPORT R	3.66		T						T	.44	.11	.07		.97	.05				.34	T	.21	.51	.11				.93					
NEW BRUNSWICK EXP STA	2.99		T						T	.52	.27	.18		.35					.20		.25	.12	.33	T			.28	.29				
NEW MILFORD	1.00									.10	.02	.00			.42				.12	.04	.30	.22	.12				.50					
NEWTON	1.93									.05	.07	.02	T		.24					.00	.34	.17	.27					.06				
OAK RIDGE RESERVOIR	2.29									.06	.09	.42	.04		.39					.14	.39	.23	.29					.25				
OLDWICK	3.17									.18	.60	.16	.03		.13					.13	.32	.11	.81					.70				
ORANGE	2.56									.42				.13					.48	.24	*	*	.40					.83				
PATERSON	2.28			.01						.19	.03	.11	.04		.30					.15	.20	.20	.43					.02				
PEMBERTON 3 E	3.33									.02	.17	.22	.23						.07		.93	.22	.64	.02			.47	.50				
PHILLIPSBURG	2.49		T							1.00	.11	T	.02		.07				.00	.02	.49	.18	.43		T	T	T	T				
PHILLIPSBURG BRIDGE	1.64		.04							.05	.04	.02	.02		.23					.10	.40	.17	.57									
PLAINFIELD	4.13		.21						T	1.03	.21	.00		.38					.25	.10	.34	.78					.40	.33				
PLEASANT RUN	3.95									.31	.73	.09	.02		.38					.11	.27	.12	1.11					.81				
PLEASANTVILLE 1 N	4.25			.02							.02		1.00							.34		.13	.47		.07			2.00				
PRINCETON WATER WORKS	2.13									.21	.19	.13		.27					.18		.17	.51	.13				.27					
RAMWAY	3.72		.39							.98	.10	.07		.20					.40	T	.26	.37	.25				.68	.02				
RIDGEFIELD	3.28		.38						.04	.36	.05	.13		T	.30				.29	.02	.30	.35	.14				.88	.02				
RINGWOOD	3.10									.05	.03	1.59	.04		.33					.08	.42	T	.21					.44				
RUNYON		RECORD MISSING																														
SANDY HOOK LBSTA		RECORD MISSING																														
SOMERVILLE	3.80									1.13	.22	.02	.07	.23					.12		.41	.20	.54				.22	.42				
SPLIT ROCK POND	1.00									.14	.12	.07	.00		.34					.10	.32	.23	.39					.13				
SUSSEX 3 N //	1.87		T	T			.08			.00	.07	.87	.02		.12					.14	.17	.20	.12					.04				
SWEDESBORO 5 NW	4.08		.10	T						.02	.33	.02	1.05							.22	.38	T	1.12					1.44				
TOMS RIVER	3.94									.08	.13	1.38	.32						.19		.12	.33		.08			.32	.70				
TRENTON 2	2.99		T						.01	.49	.23	.21		.28					.22		.23	.51	.27				.49	.04				
TRENTON WB CITY R	2.97		T							.30	.32	.39		.09					.19		.20	.55	.15				.46	.02				
TUCKERTON	2.40		.50								.20			.20					.00			.20	.60	.10								
VINELAND	3.19		.27								T	T	.46							.18	.23	.00	.65		.10			1.19				
WANAQUE RAYMOND DAM	1.88									.07	T	.12	.02		.42					.12	.32	.21	.24					.36				
WERTSVILLE	2.49		.01	T						T	.13	.14	.09		.24					.19	.33	.09	.67	T				.59				
WESTFIELD	3.23		.05							.73	.40								.20		.47	.10	.37					.05				
WOODCLIFF LAKE		RECORD MISSING																														
WOODSTOWN	4.10		.12								.14	.30	.43						.36		.28	.13	1.26	.01			.14	.01				

See Reference Notes Following Station Index

MONTHLY AND SEASONAL SNOWFALL

Season of 1957 - 1958

Station	July	August	September	October	November	December	January	February	March	April	May	June	Total
ATLANTIC CITY W8 AP	-	-	-	-	-	-	-	-	-	-	-	-	-
ATLANTIC CITY W8					T	4.6	12.7	13.3	2.9				33.5
AUDUBON				T	T	20.0	4.0	22.0	13.0				59.0
BASS RIVER ST FOREST						-	-	21.0	7.0				-
BELLEPLAIN						3.0	2.8	13.5	12.0				31.3
BELMAR					-		-	-	-				-
BELVIDERE					T	5.5	3.0	22.1	23.0				53.6
BERLIN 1 W					-		-	-	-				-
BLACKWELLS MILLS					.5	11.4	4.2	-	-				-
BOONTON 2 SE						-	-	-	-	-			-
BOUND BROOK 1 W					.2	7.4	2.8	-	-				-
BRANCHVILLE					T	9.0	9.5	26.5	39.0				84.0
BRIDGETON 1 NE					-	-	-	-	-				-
BURLINGTON					T	-	-	-	-	T			-
CANISTEAR RESERVOIR						15.0	10.0	25.0	43.0	3.0			96.0
CANOE BROOK						14.0	4.5	17.1	19.5	.5			55.6
CANTON						6.0	-	17.0	-				-
CAPE MAY 3 W						-	-	-	-				-
CEDAR GROVE						17.0	-	9.0	26.0				-
CHARLOTTEBURG				T	T	13.5	5.8	27.0	34.3	2.0			82.6
CHATHAM						-	-	-	-		-		-
CHATSWORTH 5 S	-	-	-	-	-	6.0	9.0	18.0	11.5		-	-	-
CLAYTON				T	T	9.9	4.5	22.5	20.0	T			56.9
CLINTON						13.8	2.0	11.5	19.5				46.8
DEEPWATER					T	-	-	9.0	-				-
ELIZABETH					T	13.0	7.9	14.2	15.5	T			50.6
ELIZABETHPORT					T	-	-	-	-				-
ESSEX FELLS SERV BLDG						-	-	-	-				-
FLEMINGTON 1 NE				T	.5	19.0	7.8	22.6	26.5	T			76.4
FORTESCUE						-	-	-	-				-
FREEHOLD				T	1.7	26.0	8.8	12.9	17.5				66.9
GREENWOOD LAKE				T	T	10.0	7.9	23.5	36.8	2.0			80.2
HAMMONTON 2 NNE						-	5.5	-	-			-	-
HIGH POINT PARK				T		-	-	-	-	-			-
HIGHTSTOWN 1 N				T	1.0	12.0	5.2	17.7	15.0				50.9
INDIAN MILLS 2 W					T	10.2	5.2	22.5	18.3				56.2
IRVINGTON						-	-	-	-				-
JERSEY CITY						13.5	-	-	-				-
LAMBERTVILLE					.5	11.9	3.5	9.5	18.5	T			43.9
LAURELTON 1 E				T	T	7.8	8.0	24.9	10.5	T			51.2
LAYTON 3 NW					T	4.7	6.4	26.4	39.2	2.0			78.7
LEESBURG STATE FARM						-	6.7	-	-				-
LITTLE FALLS 1 E				T		11.5	6.6	13.7	15.6				47.4
LONG BRANCH					.3	5.6	8.5	16.9	7.5				38.8
LONG VALLEY						16.0	5.0	21.0	-				-
MACOPIN INTAKE						13.0	6.1	27.0	34.0	2.0			82.1
MAHWAH						12.0	5.8	-	-	3.0			-
MANVILLE						-	-	-	-				-
MARLTON 1 W					.5	10.0	5.5	19.1	19.5				54.6
MAYS LANDING				T	T	-	8.5	23.0	-				-
MIDLAND PARK						-	-	-	-	3.0			-
MILLVILLE					T	3.0	-	-	-	T			-
MILTON						-	-	-	-				-
MOORESTOWN					T	10.0	4.0	20.0	-				-
MORRIS PLAINS				T	T	11.9	6.1	17.8	29.5	.5			65.8
NEWARK W8 AIRPORT				T	T	16.2	6.3	16.3	19.5	T			58.3
NEW BRUNSWICK EXP STA				T	.3	10.2	5.0	11.9	15.2	T			42.6
NEW MILFORD						-	-	-	-	T			-
NEWTON						7.0	-	15.0	26.0				-
OAK RIDGE RESERVOIR				T	T	14.0	6.9	25.5	42.0	4.5			92.9
OLDWICK					.1	9.6	-	-	18.0				-
ORANGE						-	-	-	-	-			-
PATERSON					T	17.0	5.5	18.1	21.0	.3			61.9
PEMBERTON 3 E					.3	10.5	7.0	19.8	18.0				55.6
PHILLIPSBURG					T	8.0	3.5	18.0	18.5	T			48.0
PHILLIPSBURG BRIDGE						7.3	1.5	-	-				-
PLAINFIELD					T	14.8	6.5	14.2	16.1				51.6
PLEASANT RUN					.2	10.2	4.0	13.6	21.7				49.7
PLEASANTVILLE 1 N					.2	-	-	-	-				-
PRINCETON WATER WORKS					.3	-	-	-	-				-
RAHWAY				T	T	13.0	6.5	12.5	10.8	T			42.8
RIDGEFIELD				T	T	14.0	8.8	15.5	22.0	1.0			61.3
RINGWOOD						11.0	-	20.0	23.5	.5			-
RUNYON						-	5.5	-	-			-	-
SANDY HOOK LBSTA						-	-	-	-	-	-	-	-
SOMERVILLE					.2	11.3	4.8	12.0	14.0				42.3
SPLIT ROCK POND						-	-	-	-				-
SUSSEX 3 N				T	T	-	-	-	-				-
SWEDESBORO 5 NW						-	-	8.5	-				-
TOMS RIVER						-	7.5	17.6	8.0				-
TRENTON 2				T	.8	15.0	4.2	20.0	25.9	T			65.9
TRENTON W8 CITY				T	.6	9.9	3.5	16.2	21.5				51.7
TUCKERTON						-	-	-	-				-
VINELAND						-	-	21.0	12.5				-
WANAQUE RAYMOND DAM						11.8	3.8	19.8	25.3				60.7
WERTSVILLE					.4	-	-	-	-				-
WESTFIELD					T	15.4	7.5	17.0	18.5	T			58.4
WOODCLIFF LAKE						-	-	-	-	T		-	-
WOODSTOWN				-	-	-	-	-	-	-			-

See Reference Notes Following Station Index

DAILY TEMPERATURES

Station		Day Of Month																													Average
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
ATLANTIC CITY W8 AP	MAX																77	74	78	72	62	70	74	70	76	79	88	79	79	86	87		
	MIN																	55	51	55	57	57	55	53	52	58	66	60	58	59	63		
ATLANTIC CITY W8	MAX	67	68	62	63	62	76	62	66	88	69	74	74	74	80	71	76	75	70	68	61	66	71	70	70	72	75	80	76	77	79		71.5
	MIN	61	60	56	52	54	58	51	58	61	61	61	65	66	67	57	54	59	59	58	59	59	58	60	60	65	66	62	62	65	68		60.1
AUDUBON	MAX	85	81	74	78	79	73	75	79	88	76	90	84	87	78	71	77	74	77	74	62	68	75	75	80	85	91	81	81	86	88		79.1
	MIN	65	63	55	48	49	61	48	50	70	62	58	65	65	59	52	52	51	50	57	57	58	54	53	52	60	67	62	57	59	60		57.2
BELLEPLAIN	MAX	81	82	74	72	75	75	73	79	88	88	95	82	85	84	68	76	75	78	71	69	70	73	72	79	82	89	86	78	86	86		79.0
	MIN	64	64	54	46	42	55	42	45	67	58	65	65	66	67	49	48	47	45	50	54	56	56	49	48	56	58	56	54	56	59		54.7
BELVIDERE	MAX	89	81	80	80	82	80	75	77	82	77	88	88	81	74	72	76	72	72	75	67	65	74	77	82	88	88	87	85	90	91		79.6
	MIN	53	53	54	48	44	56	41	48	61	60	57	61	57	61	47	49	48	44	49	57	57	51	48	52	51	59	56	51	51	56		52.7
BOONTON 2 SE	MAX	81	85	70	74	77	76	70	71	74	79	82	82	81	78	71	70	72	67	72	73	64	65	72	74	77	82	84	80	79	85		74.8
	MIN	58	63	57	44	45	53	40	41	54	61	55	57	59	62	44	48	51	41	52	54	55	50	45	47	53	59	61	56	49	56		52.2
BRIDGETON 1 NE	MAX									80	89	88	92	85			69	77	75	79	73		74	74	75	79	84	91		81	85		
	MIN									60	66	62	61	65			52	49	46	54	57		55	50	50	55	61	60		55	61		
BURLINGTON	MAX	83	81	74	76	78	76	75	80	87	79	89	84	87	85	76	78	76	75	75	75	70	71	75	80	86	92	82	83	87	90		80.1
	MIN	65	66	60	51	50	63	47	48	67	62	58	66	65	60	55	49	50	43	57	57	57	58	55	54	54	58	58	57	59	62		57.0
CANOE BROOK	MAX	79	84	76	73	75	77	76	74	77	72	63	84	81	80	71	71	72	68	72	72	61	65	73	73	79	83	88	82	79	85		75.5
	MIN	63	66	59	45	45	57	50	46	64	62	55	58	53	57	51	42	48	43	52	56	57	48	45	48	54	64	57	48	49	54		53.2
CAPE MAY 3 W	MAX	71	77	70	70	65	70	70	69	82	84	82	80	88	86	84	74	75		79	71	70	71	70				83	76				75.7
	MIN	61	62	57	52	48	58	49	56	63	63	64	64	65	64	58	56	62		55	59	58	59	54	53				64				58.5
CHARLOTTEBURG	MAX	79	82	73	73	74	76	68	70	72	79	61	83	80	76	68	69	71	64	70	73	63	63	72	70	75	80	85	80	77	83		73.6
	MIN	51	63	54	38	38	47	37	36	50	58	53	55	49	53	37	47	51	34	42	48	52	48	39	40	46	53	57	42	41	48		46.9
CHATSWORTH 5 S	MAX																																
	MIN																																
CLAYTON	MAX	83	78	72	75	76	73	74	79	87	81	90	81	85	78	74	78	76	78	73	68	67	74	73	79	82	89	78	83	85	86		78.5
	MIN	65	66	62	49	48	64	46	49	68	61	60	63	65	59	50	49	51	49	58	58	57	54	55	52	59	62	57	58	62	60		57.2
ELIZABETH	MAX	87	83	72	69	75	74	73	78	80	78	84	79	83	75	70	75	72	75	70	69	65	75	74	78	83	91	80	86	88			77.6
	MIN	64	68	59	48	49	58	44	47	65	59	56	62	59	62	47	49	50	49	55	57	57	52	51	53	62	65	57	56	55	60		55.8
ESSEX FELLS SERV BLDG	MAX	80	82	78	72	76	76	70	70	78	78	69	85	84	80	70	70	70	66	71	72	64	68	71	78	80	87	86	80	78	86		75.8
	MIN	50	58	56	48	50	56	42	48	54	64	56	60	64	65	48	42	49	46	50	54	56	52	47	52	60	63	60	60	54	58		54.1
FLEMINGTON 1 NE	MAX	85	77	78	80	78	73	74	79	82	76	86	83	82	77	73	74	76	74	76	76	65	75	75	80	85	90	81	82	88	88		78.9
	MIN	62	67	55	43	43	54	38	40	62	58	55	61	56	63	42	50	50	39	53	56	56	49	45	46	54	64	59	49	49	53		52.4
FREEHOLD	MAX	84	79	73	73	75	72	69	76	81	76	87	82	81	74	72	74	73	74	70	70	68	74	73	77	84	91	80	80	83	87		77.1
	MIN	60	63	59	46	46	56	40	46	62	58	56	64	57	63	47	48	51	48	55	56	56	53	51	52	56	65	56	54	56	58		54.6
HAMMONTON 2 NNE	MAX	88	85	83	74	75	78	74	79	76	88	80	94	85	89	76	77	73	76	81	73	73	70	75	73	80	85	91	78	80	85		79.8
	MIN	62	66	59	48	46	55	44	50	68	64	61	63	65	71	57	50	52	48	56	57	57	55	53	53	57	65	60	54	56	62		57.1
HIGH POINT PARK	MAX	76	79	66	69	70	80	70	72	89	74	65	82	79	69	65	67	68	61	70	68	56	60	70	67	78	78	77	78	76	83		71.5
	MIN	61	61	49	46	46	48	35	40	54	56	51	51	51	51	43	43	43	45	50	53	48	43	43	42	54	51	51	49	49	49		48.5
HIGHTSTOWN 1 N	MAX	84	78	71	72	78	74	73	77	81	76	88	81	82	74	69	75	72	72	72	67	66	75	73	79	85	90	81	82	86	88		77.4
	MIN	63	66	59	46	46	59	42	47	66	59	57	64	61	64	48	47	50	45	55	56	56	52	50	51	57	65	58	54	53	59		55.2
INDIAN MILLS 2 W	MAX	85	82	74	77	78	74	74	78	89	76	94	83	87	79	70	76	73	78	75	64	68	74	75	80	85	92	80	82	87	89		79.2
	MIN	64	65	59	42	41	58	35	44	68	61	59	65	60	65	44	46	52	42	55	56	56	53	46	47	55	65	59	50	55	56		54.1
JERSEY CITY	MAX	78	70	71	69	65	73	65	75	76	68	76	82	74	73	70	74	68	69	70	60	65	75	88	71	75	88	80	79	82	85		73.1
	MIN	65	61	56	53	52	50	46	52	68	56	56	64	62	57	53	54	57	51	54	56	57	54	54	55	62	64	60	60	60	61		57.0
LAMBERTVILLE	MAX	86	84	75	76	78	76	73	78	83	80	87	82	82	77	74	75	74	73	75	75	66	74	74	78	85	88	81	81	86	87		78.8
	MIN	66	68	57	45	46	59	39	48	64	60	62	62	58	65	46	51	48	43	54	57	57	51	47	50	57	68	57	51	52	56		54.8
LAURELTON 1 E	MAX	78	79	70	69	77	76	65	77	87	65	83	82	79	76	72	77	75	73	70	59	69	76	73	75	80	90	82	82	80	89		76.2
	MIN	67	61	48	45	45	48	39	47	63	57	57	60	57	48	45	45	49	44	55	55	57	49	48	48	56	63	58	54	52	57		52.6
LAYTON 3 NW	MAX	84	81	78	78	78	78	73	73	80	80	80	89	74	70	70	73	70	68	78	69	65	72	73	76	80	86	80	79	84	88		76.7
	MIN	63	60	44	40	42	52	29	37	60	56	55	55	50	56	40	39	47	37	43	50	45	41	40	42	43	64	52	43	41	50		47.2
LEESBURG STATE FARM	MAX	79	78	77	70	70	79	79	72	88	83	89	87	88	85	80	75	75	75	72	71	69	75	74	75	80	84	84	75	85	84		78.4
	MIN	65	66	63	49	54	65	46	53	66	64	66		66	73	51	50	54	47	55		63	57	50	51	64	68		58	64	66		59.0
LITTLE FALLS 1 E	MAX	82	86	77	77	78	77	74	74	78	80	62	80	85	80	74	72	75	70	72	76	64	65	76	75	81	85	88	85	82	88		77.3
	MIN	64	66	58	46	47	58	41	45	63	58	54	57	56	60	45	50	53	44	53	54	56	51	48	49	56	66	59	56	52	58		54.1
LONG BRANCH	MAX	78	80	67	69	65	71	64	75	81	67	78	81	78	75	89	73	70	68	67	60	62	74	70	75	80	87	80	78	81	89		73.5
	MIN	63	60	53	50	49	55	49	50	67	57	57	65	62	57	49	53	52	54	55	57	56	56	54	54	59	64	62	56	55	61		56.4
LONG VALLEY	MAX	82	79	76	77	75	72	72	75	76	72	82	84	80	76	89	72	70	69	72	65	62	72	73	78	81	86	80	79	85	86		75.9
	MIN	58	56	54	41	43	54	38	39	58	57	59	60	52	60	40	44	42	38	52	54	54	47	43	45	52	65	55	45	46	51		50.1
MILLVILLE	MAX	85	82	83	73	76	75	75	71	79	89	85	95	86	87	78	70	77	75	80	73	63	70	75	75	80	85	90	81	83	87		79.4
	MIN	64	67	59	48	49	59	46	49	63	66	62	66	67	72	53	52	55	50	56	59	57	56	54	53	59	67	62	59	59	63		58.4
MOORESTOWN	MAX	84	78	72	76	76	73	74	78	85	70	88	83	88			76	72	76	74	61	67	74	74	79	84	89	80	81	86	86		77.9
	MIN	65	58	52	47	45	52	44	49	68	60	57	65	63			49	52	45	57	56	57	53	50	52	57	62	61	55	57	60		55.3
MORRIS PLAINS	MAX	81	83	78	72	77	76	72	71	75	79	82	82	83	78	72	70	73	68	71	73	61	63	74	73	77	82	85	81	82	88		75.2
	MIN	59	64	57	43	43	55	40	40	60	62	54	56	53	61	43	47	49	40	53	55	55	50	46	46	53	59	58	50	47	56		51.8
NEWARK W8 AIRPORT	MAX	88	76	75	72	72	73	69	80	80	70	87	85	77	78	73	76	71	72	72	62	66	76	73	75	82	92	85	81	87	91		77.0
	MIN	65	62	56	52	54	56	49	51	66	56	56	66	63	59	54	55	57	53	56	58	59	55	56	56	61	66	60	60	59	63		58.0
NEW BRUNSWICK EXP STA	MAX	84	83	72	73	78	77	71	78	79	78	86	83	80	74	72	74	73	70	70	70	65	74	73	78	83	89	80	80	85	86		77.2
	MIN	63	66	59	47	48	59	45	46	66	57	55	64	60	64	49	50	51	47	55	56	56	53	50	52	58	66	59	55	54	60		55.7
NEWTON	MAX	84	85	72	72	77	78	65	72	72	79	84	82	82	76	69	69	72	67	69	72	64	63	71	72	78	82	83	81	78	84		74.5
	MIN	63	66	53	40	43	53	35	41	59	62	56	58	51	59	39	48	51	37	49	54	54	45	42	43	52	62	54	44	44	53		50.3
PATERSON	MAX	82	87	79	75	77	77	73	78	77	79	81	86	85	80	78	71	77	76	73	72	63	65	72	74	80	85				91		76.6
	MIN	58	67	59	51	51	59	45	49	62	60	55	58	61	63	50	53	56	49	54	56	56	53	46	52	59	66				59		55.8
PEMBERTON 3 E	MAX	85	81	74	75	78	76	74	76	80	79	90	84	84	82	75	77	76	76	76	68	71	75	74	81	85	91	80	82	86	88		79.6
	MIN	61	66	58	45	43	57	40	43	65	61	57	66	59	68	42	43	51	41	56	56	56	52	48	48	57	64	59	51	53	52		53.9
PHILLIPSBURG	MAX	86	85	73	75	77	78	74	74	79	79	84	84	82	78	73	73	74	70	73	75	65	72	74	77	82	84	85	81	84	87		77.9
	MIN	63	65	54	47	48	57	41	48	62	60	56	62	58	62	48	46	49	44	55	57	56	53	47	50	57	68	58	50	57	55		54.4
PLAINFIELD	MAX	86	77	75	75	78	74	73	78	80	68	86	82	80	74	71	75	71	75	74	60	65	76	74	79	84	90	82	81	84	88		77.2
	MIN	62	66	59	46	47	58	42	45	63	63	55	63	58	62	45	50	46	46	54	57	57	57	49	51	55	65	59	52	54	58		54.7

See reference notes following Station Index.

Table 5-Continued

DAILY TEMPERATURES

Station		Day Of Month 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Average
PLEASANTVILLE 1 N	MAX	77	77	77	68	68	65	75	65	72	88	75	87	81	81	78	70	76	74	75	70	61	70	74	72	75	76	81	80	83	81		75.1
	MIN	60	62	56	47	45	52	43	50	58	63	61	62	61	68	46	49	53	46	57	57	58	56	51	50	58	66	59	57	65	69		56.2
RIDGEFIELD	MAX	87	75	76	78	77	76	75	75	76	75	85	83	79	71	69	76	68	74	72	62	65	75	76	80	84	91	81	79	87	89		77.2
	MIN	65	60	58	48	49	39	42	48	65	58	55	64	59	54	49	52	52	47	55	57	58	53	50	53	59	66	58	54	55	62		55.5
RUNYON	MAX																																
	MIN																																
SANDY HOOK L8STA	MAX																																
	MIN																																
SOMERVILLE	MAX	85	77	77	78	77	73	73	78	82	75	86	82	81	74	70	75	70	72	76	72	64	75	74	79	84	87	81	81	85	88		77.7
	MIN	62	68	57	47	45	59	51	56	62	58	56	63	57	64	44	48	46	43	54	57	58	51	48	49	58	66	58	52	51	56		54.8
SUSSEX 3 N	MAX	83	84	72	75	77	78	68	71	74	78	84	80	81	75	68	69	71	66	70	75	65	64	71	72	77	81	81	79	79	84		74.4
	MIN	55	65	52	44	46	50	36	41	50	61	55	57	53	55	46	46	50	40	46	51	54	49	44	46	48	58	55	47	47	53		50.0
TRENTON 2	MAX	86	79	75	76	79	73	72	78	83	72	88	82	85	76	70	75	72	74	73	64	68	75	74	79	85	91	80	81	86	89		78.0
	MIN	65	61	57	50	50	54	44	50	66	59	58	65	63	59	51	51	54	48	56	57	57	59	54	53	60	66	59	57	57	62		56.7
TRENTON WB CITY	MAX	84	78	71	74	77	72	71	78	83	70	88	81	83	78	69	74	70	71	72	61	66	73	72	77	83	89	80	81	86	88		76.7
	MIN	66	60	54	51	52	54	46	50	69	59	58	67	66	62	55	54	56	51	55	57	57	55	57	55	61	65	61	61	61	65		58.0
TUCKERTON	MAX	75	80	68	68	77	77	75	73	89	77	85	80	83	80	78	76	76	75	69	65	70	75	73	80	78	83	80	79	80	87		77.0
	MIN	61	62	55	44	41	56	36	52	64	59	59	65	58	69	45	45	52	43	56	54	57	55	48	50	54	66	58	53	54	56		54.2
WOODSTOWN	MAX	86	81	75	77	76	75	74	80	90	80	92	86	86	79	71	78	76	79	76	70	69	75	76	80	85	90	81	82	87	88		80.0
	MIN	68	66	60	47	46	62	47	49	69	65	61	67	66	63	49	52	52	47	54	58	56	55	53	51	59	68	60		60	62		57.7

EVAPORATION AND WIND

Station		Day of month 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Total or Avg.
CANOE BROOK	EVAP	.14	.23	.15	.14	.15	.19	.19	.32	.11	.06	.00	.08	.21	.15	.32	.06	.24	.20	.06	.09	.02	.05	.19	.12	.18	.17	.17	.19	16	.21		4.53
	WIND	18	26	28	19	14	22	30	31	9	6	7	5	11	9	7	66	45	33	18	13	3	5	19	10	10	11	14	12	10	10		521
PLEASANTVILLE	EVAP	.11	.22	.28	.21	.17	.04	.38	.19	.15	.11	.19	.35	.16	.21	.35	-	-	-	-	-	.02	.08	.21	.12	.20	.09	-	.16	.21	.27		B5.60
	WIND	59	65	53	42	22	42	62	42	50	48	33	33	12	59	53	45	58	44	36	37	14	17	25	9	30	61	47	19	31	31		1179

DAILY SOIL TEMPERATURES

Station And Depth		Day of month 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Average
NEW BRUNSWICK EXP STATION																																	
MEASURED UNDER SOD																																	
1 INCH	MAX	82	75	75	77	79	80	78	72	75	67	79	82	75	78	72	77	78	75	72	63	68	83	75	81	83	87	83	85	88	89		77.8
	MIN	65	65	63	61	60	60	57	61	67	63	62	67	68	64	62	61	66	58	62	62	62	61	61	82	65	68	66	64	64	67		83.2
2 INCHES	MAX	77	74	72	74	75	75	74	69	73	68	76	79	74	77	71	74	73	68	70	64	67	77	72	75	78	80	78	79	82	82		74.2
	MIN	66	66	64	62	62	61	60	62	68	64	63	68	68	66	64	63	63	60	62	63	62	62	63	63	65	68	68	65	66	68		84.2
4 INCHES	MAX	75	72	71	72	74	74	72	68	72	68	75	78	73	75	70	73	72	68	69	64	66	77	70	75	78	79	78	77	81	81		73.2
	MIN	66	66	65	63	62	61	61	62	68	64	63	68	68	67	64	63	63	60	62	63	62	62	63	63	65	68	68	68	66	69		84.4
8 INCHES	MAX	70	69	68	68	69	69	68	66	68	67	69	72	71	71	68	69	68	66	66	65	65	70	68	69	70	72	72	72	73	74		69.1
	MIN	65	67	65	64	64	85	63	64	64	64	63	67	68	68	66	65	65	63	64	63	63	63	84	65	66	68	68	68	68	70		65.3
16 INCHES	MAX	66	66	65	65	66	66	65	65	65	65	65	67	68	68	68	66	66	66	65	65	64	65	65	66	67	68	68	69	69	70		66.3
	MIN	62	64	64	63	64	64	63	63	63	64	63	65	67	67	66	65	65	84	63	63	63	63	64	65	65	66	67	67	67	68		64.6
32 INCHES	MAX	61	61	62	62	62	62	62	62	62	62	62	62	63	63	64	64	83	63	63	63	62	62	63	63	64	63	84	65	65	65		62.8
	MIN	59	60	61	61	61	61	61	61	61	61	61	61	62	63	63	63	83	62	62	62	62	61	62	63	63	63	83	84	64	64		61.9

Measured under Kentucky Bluegrass. Instrumentation: Copper-constantan Thermocouples connected to a Brown Electronik Potentiometer.

SUPPLEMENTAL DATA

Station	Wind direction: Prevailing	Wind direction: Percent of time from prevailing	Wind speed m. p. h.: Average	Wind speed m. p. h.: Fastest mile	Wind speed m. p. h.: Direction of fastest mile	Wind speed m. p. h.: Date of fastest mile	Relative humidity averages - percent: 1:00 a EST	Relative humidity averages - percent: 7:00 a EST	Relative humidity averages - percent: 1:00 p EST	Relative humidity averages - percent: 7:00 p EST	Number of days with precipitation: Trace	.01-.09	.10-.49	.50-.99	1.00-1.99	2.00 and over	Total	Percent of possible sunshine	Average sky cover sunrise to sunset
ATLANTIC CITY WB CITY	-	-	14.4	40	W	11+	-	-	-	-	1	4	3	2	0	1	11	70	5.7
LONG BRANCH	S	17	12.6	32	S	1	-	79	60ø	62	4	1	7	1	0	0	13	68	6.0
NEWARK WB AIRPORT	SSW	16	9.5	31++	W	26	75	71	52	61	3	2	5	3	0	0	13	-	5.7
TRENTON WB CITY	-	-	9.0	29	NW	17+	-	-	-	-	1	2	6	2	0	0	11	65	5.7

ø 12:00 Noon

See reference notes following Station Index.

MONTHLY AND SEASONAL HEATING DEGREE DAYS

Season of 1957 - 1958

Station	July	August	September	October	November	December	January	February	March	April	May	June	Total	Normal July-June
ATLANTIC CITY W8 AP														
ATLANTIC CITY WB	0	1	40	258	427	699	962	981	757	408	221	41	4795	4741
AUDUBON	0	0	58	314	510	787	1012	1019	787	337	148	22	4994	
BELLEPLAIN	1	13	65	361	514	758	1021	1009	780	366	147	53	5088	
BELVIDERE	0	8	79	382	596	875	1102	1102	811	380	192	45	5572	
BOONTON 2 SE	3	17	107	425	614	905	1129	1125	827	413	289	91	5945	
BRIDGETON 1 NE		1								338	212			
BURLINGTON	0	0	55	280	503	763	1014	990			146	17		
CANOE BROOK	8	15	104	439	602	913	1141	1116	830	424	286	79	5957	
CAPE MAY 3 W	0	0	32	228	439	648	929	953		368	160	32		
CHARLOTTEBURG	19	72	153	506	669	948	1184	1199	889	497	362	159	6657	
CHATSWORTH 5 S						778	1040	1038	787	358				
CLAYTON	0	0	65	331	520	789	1032	1026	787	349	139	25	5063	
ELIZABETH	0	0	64	294	496	816	1035	1040	762	347	189	44	5087	
ESSEX FELLS SERV BLDG	5	18	119	368	547	891	1130	1126	861	399	248	75	5787	
FLEMINGTON 1 NE	0	8	85	395	578	877	1106	1082	822	406	237	56	5652	
FREEHOLD	0	7	73	319	513	819	1062	1064	810	377	202	51	5297	
HAMMONTON 2 NNE	0	0	58	314	501	771	1053	1061	766	342	153	25	5044	
HIGH POINT PARK	41	71	152	544	728	1028	1301	1253	978	556	359	158	7169	
HIGHTSTOWN 1 N	0	7	73	350	525	815	1062	1052	806	372	193	51	5306	
INDIAN MILLS 2 W	3	15	85	379	580	836	1077	1052	823	381	183	58	5472	
JERSEY CITY	0	5	65	324	525	822	1058	1073	808	411	238	59	5388	
LAMBERTVILLE	1	5	68	366	567	844	1065	1041	804	365	184	46	5356	
LAURELTON 1 E	0	28	85	359	559	836	1071	1074	815	428	261	84	5600	
LAYTON 3 NW	16	41	143	516	674	948	1176	1190	892	493	295	127	6511	
LEESBURG STATE FARM	0	2	68	351	506	766		1052	804	387	123	26		
LITTLE FALLS 1 E	1	3	73	365	532	845	1052	1070	774	378	232	62	5387	
LONG BRANCH	0	6	71	326	517	773	1028	1049	789	424	248	69	5300	
LONG VALLEY	6	33	126	427	617	901	1123	1104	846	425	273	102	5983	
MILLVILLE	0	2	57	338	505	742	1016	1005	760	337	133	29	4924	
MOORESTOWN	0	1	78	346	530	803	1020	992	789	347	176	44	5126	
MORRIS PLAINS	1	20	96	375	574	865	1102	1088	846	437	289	94	5787	
NEWARK W8 AIRPORT	0	0	54	289	495	796	1025	1036	752	355	188	25	5015	5252
NEW BRUNSWICK EXP STA	0	4	73	323	513	802	1057	1042	784	359	197	46	5200	
NEWTON	17	51	129	497	664	952	1214	1196	879	465	318	123	6505	
PATERSON	0	2	67	360	529	843	1090	1110	764	366	212	51	5394	
PEMBERTON 3 E	0	9	81	337	524	800	1058	1053	797	359	175	49	5242	
PHILLIPSBURG	0	2	79	343	513	808	1036	1031	762	357	201	50	5182	
PLAINFIELD	0	5	75	340	537	839	1057	1052	773	376	216	49	5319	
PLEASANTVILLE 1 N	1	13	75	394	568	820	1100	1076	817	436	225	61	5586	
RIDGEFIELD	0	2	72	327	529	815	1065	1049	776	364	226	43	5268	
RUNYON	1	18	101	360	524	824	1120	1052	795	386	207			
SANDY HOOK LBSTA	0	0	39	226	458		1021	992						
SOMERVILLE	0	2	80	379	573	863	1091	1078	804	395	222	45	5532	
SUSSEX 3 N	14	45	145	508	683	970	1259	1241	928	509	328	114	6744	
TRENTON 2	0	0	58	316	510		996	1045	775	336	165	30		
TRENTON WB CITY	0	0	60	311	493	794	1027	1024	764	339	161	34	5007	5068
TUCKERTON	1	11	71	356	532	798	1052	1041	829	436	235	55	5417	
WOODSTOWN	0	0	54								129	23		

CORRECTIONS

MONTH: MARCH 1957

Climatological Data Table:
Canoe Brook

Temperature departure from long-term average should be + 1.2.

MONTH: DECEMBER 1957

Climatological Data Table:
Runyon

Average temperature should be 38.3°; departure from long-term average + 6.8.

ANNUAL: 1957

Table 1:
Canoe Brook

March temperature departure from long-term average should be + 1.2.

Table 1:
Runyon

Average temperature for January should be 27.5°; departure from long-term average, - 3.3°; Average temperature for December should be 38.3°; departure from long-term average; + 6.8°; Annual average temperature should be 54.0°; departure from long-term average, + 2.3.

MONTH: APRIL 1958

Climatological Data Table:
Cape May 3 W

Total degree days should be 368.

See Reference Notes Following Station Index

CLIMATOLOGICAL DATA

NEW JERSEY
DELAYED DATA

Station	Temperature													Precipitation									
	Average Maximum	Average Minimum	Average	Departure From Long Term Means	Highest	Date	Lowest	Date	Degree Days	No of Days Max 90° or Above	No of Days Max 32° or Below	No of Days Min 32° or Below	No of Days Min 0° or Below	Total	Departure From Long Term Means	Greatest Day	Date	Snow, Sleet Total	Snow, Sleet Max Depth on Ground	Snow, Sleet Date	No of Days 10 or More	No of Days .50 or More	No of Days 1.00 or More
JANUARY 1958																							
SANDY HOOK	40.4	23.3	31.9	- 1.1	51	22	10	19	1021	0	4	23	0	4.97	2.47	2.01	15				8	3	2

DAILY PRECIPITATION

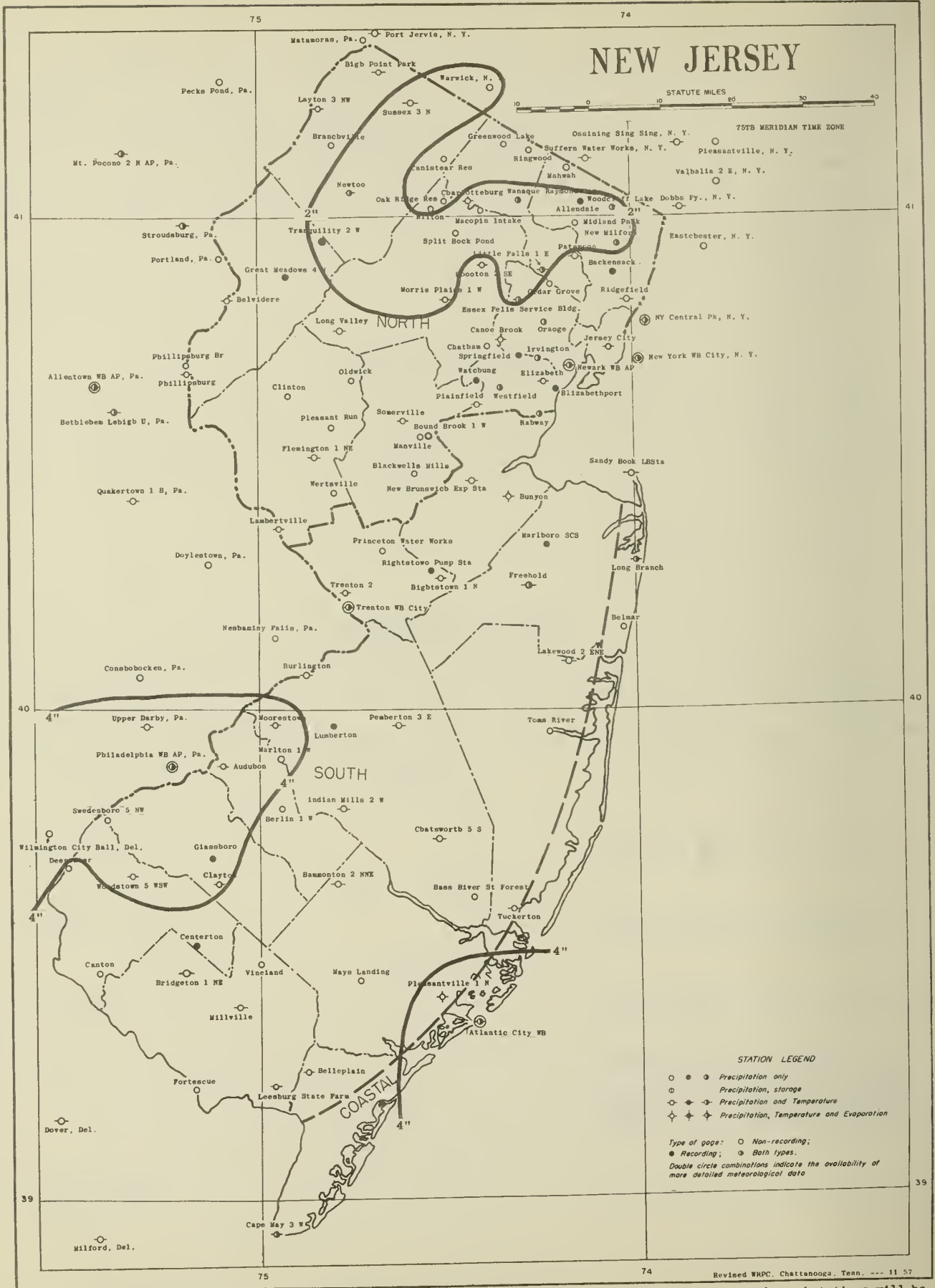
Station	Day of month																													Total
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
JANUARY 1958																																
SANDY HOOK	.13						.15	.50						.08	2.01	.18					.05	.05	.30		1.25	.20	.03	.02			.02	4.97

DAILY TEMPERATURES

Station		Day of month																													Average
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
JANUARY 1958																																
SANDY HOOK	MAX	50	41	35	32	32	40	40	40	44	35	47	47	42	35	37	36	45	40	27	31	41	51	45	44	40	44	44	41	38	44	44	40.4
	MIN	34	20	11	13	12	18	18	22	15	14	23	16	16	19	20	30	29	22	10	18	18	33	32	23	34	36	35	33	33	33	32	23.3

See Reference Notes Following Station Index

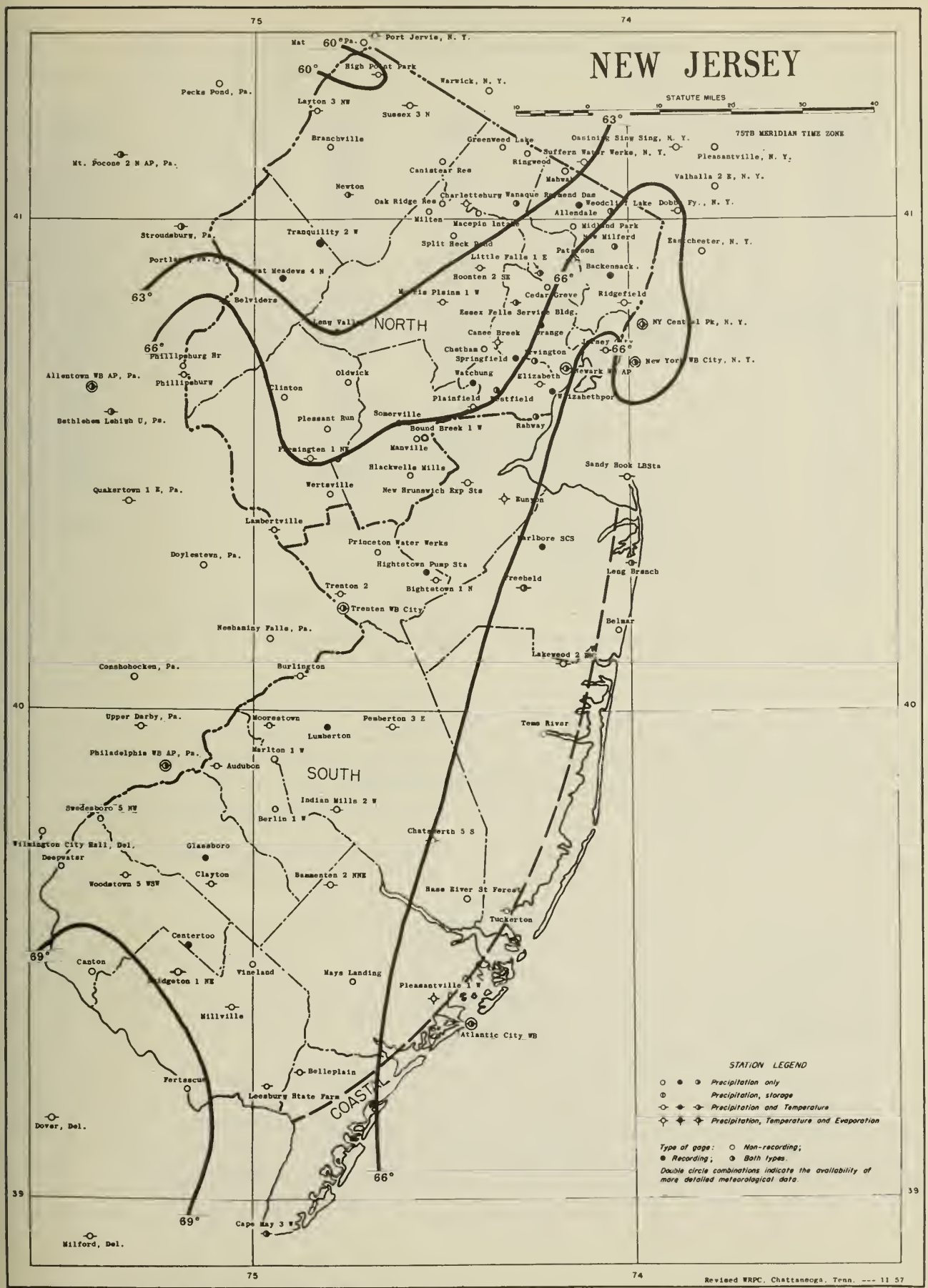
TOTAL PRECIPITATION



Isolines are drawn through points of approximately equal values. Hourly precipitation data from recorder substations will be available in the publication "Hourly Precipitation Data".

AVERAGE TEMPERATURE

NEW JERSEY
JUNE 1958



Isolines are drawn through points of approximately equal values. Hourly precipitation data from recorder substations will be available in the publication "Hourly Precipitation Data".

STATION INDEX

STATION	INDEX NO.	COUNTY	DRAINAGE ‡	LATITUDE	LONGITUDE	ELEVATION	OBSERVATION TIME AND TABLES: TEMP.	PRECIP.	EVAP.	SPECIAL (SEE NOTES)	OBSERVER
ALLENDALE	0100	BERGEN	8	41 02	74 06	270				C	BERGEN COUNTY ENGS
ATLANTIC CITY WB	0328	ATLANTIC	1	39 22	74 25	8	MID	MID		C HJ	U.S. WEATHER BUREAU
AUDUBON	0346	CAMDEN	2	39 54	75 04	80	11P	11P			IRVIN J. NYGREN
BASS RIVER ST FOREST	0528	BURLINGTON	1	39 37	74 24	20		8P		M	N.Y. FORESTRY SYC
BELLEPLAIN	0699	CAPE MAY	1	39 16	74 52	49	8P	5P			MRS. ED C. HOFFMAN
BELMAR	0721	MONMOUTH	1	40 10	74 02	10		MID			CITY WATER DEPT
BELVIDERE	0728	WARREN	2	40 58	75 05	280	8P	5P		M	MISS C. S. WILSON
BERLIN 1 W	0787	CAMDEN	7	39 48	74 57	150		7A			SAMUEL H. MC CULLEY
BLACKWELLS MILL	0847	SOMERSET	10	40 29	74 35	27		7A			HENRY N. MILLER
BOONTON 2 SE	0997	MORRIS	8	40 54	74 24	280	8A	8A			JERSEY CITY WTR MKS
BOUND BROOK 1 W	0827	SOMERSET	10	40 30	74 33	20		8A			AMERICAN CYANAMID CO
BRANCHVILLE	0978	SUSSEX	2	41 09	74 45	579		7A			ALBERT N. DAVENPORT
BRIDGETON 1 NE	1020	CUMBERLAND	2	39 28	75 12	114	9A	9A			RADIO STATION WSNJ
BURLINGTON	1211	BURLINGTON	2	40 04	74 53	12	8P	8P			PUBLIC SVC E. + G. CO
CANISTEAR RESERVOIR	1527	SUSSEX	8	41 07	74 30	1040		9A			NEWARK WATER DEPT
CAMDEN BROOK	1335	ESSEX	8	40 48	74 21	180	9A	9A	8A		COMMONWEALTH WTR CO
CANTON	1343	SALEM	2	39 28	75 25	20		9A			GERTRUDE S. WILLIS
CAPE MAY 3 W	1351	CAPE MAY	1	38 58	74 57	17	8P	5P		C	N.WEST MAGNESITE CO
CEDAR GROVE	1472	ESSEX	8	40 52	74 13	400		9A			J. A. PLUMKETT
CENTERTON	1512	SALEM	8	39 51	75 10	90				C	JOHN HOPKINS UNI.
CHARLOTTEBURG	1582	PASSAIC	8	41 03	74 26	769	7A	7A		M	NEWARK WATER DEPT
CHATHAM	1590	MORRIS	8	40 44	74 23	185		8A			EDWARD P. MOLITOR
CHATSWORTH 9 S	1598	BURLINGTON	1	39 44	74 32	98	5P	5P			WILLIAM S. HAINES
CLAYTON	1708	GLOUCESTER	8	39 39	75 06	120	9P	8P		M	HARRY P. CAMPBELL
CLINTON	1749	HUNTERDON	18	49 36	74 55	300		9P			L. W. KLOCKNER
DEEPWATER	2200	SALEM	2	39 41	75 30	12		NID			DU PONT DE NEMOURS
ELIZABETH	2644	UNION	1	40 48	74 14	33	5P	5P			UNION CO PARK COMM
ELIZABETHPORT	2852	UNION	8	40 39	74 12	30		NID		C	SEWAGE TREATMENT PL
ESSEX FELLS SERV BLDG	2748	ESSEX	8	40 50	74 18	2 250	8A	8A		C	BOROUGH OF ESSEX FELLS
FLEMINGTON 1 NE	3929	HUNTERDON	19	40 31	74 51	134	5P	5P		M	DONALD YOUNG
FORTESCUE	3192	CUMBERLAND	2	39 14	75 10	6		7A			JOHN LOPER
FREEHOLD	3181	MONMOUTH	18	40 15	74 17	194	9P	8P		C M	FRANK J. MOREAU
GLASSBORO	3291	GLOUCESTER	2	39 42	75 07	159				C	PROF. J. B. SANGREE
GREAT MEADOWS 4 N	3419	WARREN	2	40 46	74 55	540				C	GAMMA CHEMICAL CORP.
GREENWOOD LAKE	3518	PASSAIC	8	41 09	74 20	660		7A			GEORGE T. WIGGINS
HACKENSACK	3572	BERGEN	4	40 53	74 03	19				C	BERGEN COUNTY ENGS
HAMMONTON 2 NNE	3662	ATLANTIC	7	39 39	74 48	65	8A	8A			W. HUBBARD PARKHURST
HIGH POINT PARK	3935	SUSSEX	2	41 18	74 40	1570	8A	8A			N. J. DEPT. OF CONS.
HIGHTSTOWN 1 N	3981	MERCER	10	40 16	74 31	100	8P	9P		M	JANE B. R. PICKERING
HIGHTSTOWN PUMPING STA	3956	MERCER	10	40 17	74 32	75				C	DEPT WATER + SEWAGE
INDIAN MILLS 2 W	4229	BURLINGTON	7	39 40	74 47	198	7P	7P		M	EDWARD ENTWISTLE
IRVINGTON	4260	ESSEX	1	40 44	74 15	120		NID		C	JOINT MEETING GARAGE
JERSEY CITY	4339	HUDSON	1	40 44	74 04	135	MID	MID			JERSEY CITY WTR DEPT
LAMBERTVILLE	4835	HUNTERDON	2	40 22	74 57	75	6P	8P		M	E. E. CASE
LAURELTON 1 E	4700	OCEAN	1	40 04	74 07	20	MID	MID		C H	GEORGE G. WADDILL
LAYTON 3 NW	4735	SUSSEX	2	41 15	74 51	480	8P	9P		M	A. N. DEPUE
LEESBURG STATE FARM	4782	CUMBERLAND	8	39 14	74 58	10	4P	4P			LEESBURG STATE FARM
LITTLE FALLS 1 E	4827	PASSAIC	8	40 55	74 14	157	9A	9A		C M	PASSAIC VLY WTR COMM
LONG BRANCH	4987	MONMOUTH	1	40 18	73 59	34	MID	MID		C HJ	STORM WARN. DSPL STA
LONG VALLEY	5003	MORRIS	10	40 40	74 48	660	9P	9P		M	ARTHUR BARKMAN
LUMBERTON	5055	BURLINGTON	2	39 58	74 48	25				C	JAMES LAWTON
MACOPIN INTAKE	5071	PASSAIC	8	41 01	74 24	584		8A			NEWARK WATER DEPT
MANWAH	5104	BERGEN	8	41 08	74 19	253		7A			ROBERT G. GLASGOW
MANVILLE	0187	SOMERSET	10	40 33	74 34	50		NID			JOHN L. RADCLIFFE
MARLBORO SCS	5244	MONMOUTH	1	40 20	74 14	120				C	GERDW BEILL

STATION	INDEX NO.	COUNTY	DRAINAGE ‡	LATITUDE	LONGITUDE	ELEVATION	OBSERVATION TIME AND TABLES: TEMP.	PRECIP.	EVAP.	SPECIAL (SEE NOTES)	OBSERVER
NARLTON 1 W	5282	BURLINGTON	2	39 54	74 57	98		8P			DAVID SRISCOM
NAYS LANDING	5346	ATLANTIC	8	39 27	74 44	50		5P		M	ELMER EARLE
MIDLAND PARK	5503	BERGEN	1	40 58	74 09	219		MID			RIDGEWOOD WATER CO.
MILLVILLE	5578	CUMBERLAND	8	39 24	75 03	69	8A	8A		C M	L. J. GALLAHER
MILTON	5587	MORRIS	8	41 01	74 32	950		7A			JERSEY CITY WTR WKS
MORRISTOWN	5788	BURLINGTON	2	39 56	74 58	86	MID	8A		M	M. J. WILLARD
MORRIS PLAINS	5780	MORRIS	8	40 49	74 30	500	8A	8A		M	JAMES C. LONG
NEWARK WB AIRPORT	5826	ESSEX	1	40 42	74 10	11	MID	MID		C HJ	U. S. WEATHER BUREAU
NEW BRUNSWICK EXP STA	5982	MIDDLESEX	10	40 28	74 28	60	5P	5P		GH	ARTHUR H. AHLQUIST
NEW MILFORD	6146	BERGEN	4	40 57	74 02	12		NID		C	HACKENSACK WATER CO
NEWTON	6177	SUSSEX	2	41 03	74 45	585	8A	9A		C M	NEWTON WTR SWR COMM
OAK RIDGE RESERVOIR	6460	PASSAIC	8	41 02	74 39	870		8A			NEWARK WATER DEPT
OLDWICK	6546	HUNTERDON	10	40 40	74 45	280		8A			DAM A. COUGHLIN
ORANGE	6569	ESSEX	8	40 47	74 14	140		NID		C	COUNTY ENGINEER
PATERSON	6775	PASSAIC	8	40 55	74 90	100	8A	9A		M	P. J. DEL VECCHIO
PEMBERTON 3 E	6843	BURLINGTON	2	39 58	74 36	80	5P	5P		M	CHARLES A. DOEHLERT
PHILLIPSBURG	6974	WARREN	2	40 41	75 12	182	3P	3P		H	SEWAGE DISPOSAL PLT
PHILLIPSBURG BRIDGE	6979	WARREN	2	40 42	75 12	196		8A			JOINT TOLL BRDGE COM
PLAINFIELD	7079	UNION	10	40 36	74 25	120	8P	8P		H	MRS VIVIAN SCHEER
PLEASANT RUN	7123	HUNTERDON	19	40 34	74 48	140		7A			JOHN H. BERRYMAN
PLEASANTVILLE 1 W	7131	ATLANTIC	1	39 25	74 31	8	8A	8A	8A		ATLANTIC CITY WTR WK
PRINCETON WATER WORKS	7328	MERCER	10	40 19	74 40	90		NID			PRINCETON WATER CO
RAHWAY	7393	UNION	8	40 36	74 15	20		NID		C M	RAHWAY VLY SWG AUTH
RIDGEFIELD	7548	BERGEN	4	40 50	74 01	80	MID	MID		M	GEORGE P. KIRSTEN
RINGWOOD	7567	PASSAIC	8	41 08	74 16	305		19A			NO JERSEY WTR SUPPLY
RUMYON	7825	MIDDLESEX	1	40 28	74 20	18	9P	6P	9P		N.J. WATER COMM
SANDY HOOK LBSTA	7869	MONMOUTH	1	40 28	74 01	22	7P	7P			U. S. COAST GUARD
SOMERVILLE	8194	SOMERSET	10	40 34	74 37	75	6P	9P		M	W. E. MAYER
SPLIT ROCK POND	8492	MORRIS	8	40 58	74 28	800		10A			JERSEY CITY D P W
SPRINGFIELD	8423	UNION	1	40 43	74 18	-				C	N.J. DEPT OF CONS
SUSSEX 3 N	8644	SUSSEX	8	41 14	74 35	530	7A	7A			BRICE H. STANTON
SWEDESBORO 5 NW	8688	GLOUCESTER	2	39 47	75 24	19		12M			SUN OIL CO
TOMS RIVER	8816	OCEAN	1	39 57	74 14	10		5P			ROBERT F. SNYDER
TRANQUILITY 2 W	8858	WARREN	2	40 57	74 59	581				C	H. J. ERVEY
TRENTON 2	8876	MERCER	2	40 14	74 48	105	MID	MID			E. H. RISTOW
TRENTON WB CITY	8883	MERCER	2	40 15	74 40	56	MID	MID		C HJ	U.S. WEATHER BUREAU
TUCKERTON	8899	OCEAN	1	39 36	74 20	19	6P	9P			REV EDWARD O. NEGILL
VINELAND	9135	CUMBERLAND	8	39 29	75 00	119		8A			STATE HOME FOR WOMEN
WANAQUE RAYMOND DAM	9187	PASSAIC	8	41 03	74 18	320		8A		C M	WATER SUPPLY COMM
WATCHUNG	9271	UNION	8	40 40	74 25	-				C	BONNIE BURN SAN.
WERTSVILLE	9363	HUNTERDON	18	40 27	74 48	159		7A			ROBERT H. MANNERS
WESTFIELD	9485	UNION	8	40 30	74 21	150		9P		C	CITY ENGINEER
WOODCLIFF LAKE	9832	BERGEN	4	41 01	74 03	103		NID		C	HACKENSACK WATER CO
WOODSTOWN	9910	SALEM	2	39 39	75 19	50	5P	5P			CREAM VALLEY DAIRY
NEW STATIONS											
ATLANTIC CITY WB AP	0311	ATLANTIC	1	39 27	74 35	70	MID	MID		C HJ	U.S. WEATHER BUREAU
SHILOH	8051	CUMBERLAND	2	39 28	75 18	120	5P	5P			EVERETT DICKINSON

‡ 1-COASTAL; 2-DELAWARE; 3-GREAT EGG HARBOR; 4-HACKENSACK; 5-HUDSON; 6-MAURICE; 7-MULLICA; 8-PASSAIC; 9-RAHWAY; 10-RARITAN; 11-ROCKAWAY

REFERENCE NOTES

Additional information regarding the climate of New Jersey may be obtained by writing to the State Climatologist at Weather Bureau Office, c/o General Delivery, Trenton, New Jersey or to any Weather Bureau Office near you.

Figures and letters following the station name, such as 12 SSE, indicate distance in miles and direction from the post office.

Delayed data and corrections will be carried only in the June and December issues of this bulletin.

Monthly and seasonal snowfall and heating degrees for the preceding 12 months will be carried in the June issue of this bulletin.

Stations appearing in the Index, but for which data are not listed in the tables, either are missing or were received too late to be included in this issue.

Divisions, as used in "Climatological Data: Table and on the maps, became effective with data for September 1958.

Unless otherwise indicated, dimensional units used in this bulletin are: Temperature in °F, precipitation and evaporation in inches and wind movement in miles. Monthly degree day totals are the sums of the negative departures of average daily temperatures from 65° F.

Evaporation is measured in the standard Weather Bureau type pan of 4 foot diameter unless otherwise shown by footnote following the "Evaporation and Wind" Table. Max and Min in "Evaporation and Wind" Table refer to extremes of temperature of water in pan as recorded during 24 hours ending at time of observation.

Long-term means for full-time stations (those shown in the Station Index as "U. S. Weather Bureau") are based on the period 1921-1950, adjusted to represent observations taken at the present location. Long-term means for all stations except full-time Weather Bureau stations are based on the period 1931-1955.

Water equivalent values published in the "Snowfall and Snow on Ground" Table are the water equivalent of snow, sleet, or ice on the ground. Samples for obtaining measurements are taken from different points for successive observations; consequently occasional drifting and other causes of local variability in the snowpack may result in apparent inconsistencies in the record.

Entries of snowfall in the "Climatological Data" Table and the "Snowfall and Snow on Ground" Table, and in the "Seasonal Snowfall" Table include snow and sleet. Entries of snow on ground include snow, sleet and ice.

Data in the "Daily Precipitation" Table; "Daily Temperature" Table; and "Evaporation and Wind" Table, and snowfall in the "Snowfall and Snow on Ground" Table, when published, are for the 24 hours ending at time of observation. The Station Index shows observation times in local standard time. During the summer months some observers take the observations on daylight saving time.

Snow on ground in the "Snowfall and Snow on Ground" Table is at observation time for all except Weather Bureau and CAA stations. For these stations snow on ground values are at 7:00 a.m., E.S.T.

No record in the "Climatological Data" Table and the "Daily Temperature" Table is indicated by no entry.

Interpolated values for monthly precipitation totals may be found in the annual issue of this publication.

- No record in the "Daily Precipitation" Table; "Evaporation and Wind" Table; "Snowfall and Snow on Ground" Table; and the Station Index.
+ And also on an earlier date or dates.
++ Fastest observed one minute wind speed. This station is not equipped with automatic wind instruments.
* Amount included in following measurement, time distribution unknown.
Thermometers are generally exposed in a shelter located a few feet above sod-covered ground; however, the reference indicates that the thermometers are exposed in a shelter located on the roof of a building.
// Gage is equipped with a windshield.
AS This entry in time of observation column in Station Index means after rain.
AM Data based on observations1 day ending before noon.
E Adjusted to a full month.
D Water equivalent of snowfall wholly or partly estimated, using a ratio of 1 inch water equivalent to every 10 inches of new snowfall.
M One or more days of record missing; if average value is entered, less than 10 days record is missing. See "Daily Temperature" Table for detailed daily record. Degree day data, if carried for this station, have been adjusted to represent the value for a full month.
R Amounts from recording gage. (These amounts are essentially accurate but may vary slightly from the amounts to be published later in Hourly Precipitation Data.)
RS This entry in time of observation column in Station Index means observatinn made near sunset.
T Trace, an amount too small to measure.
V Includes total for previous month.
X Observation tian is 1:00 a.m., E.S.T. of the following day.
VAR This entry in tian of observation column in Station Index means variable.

In the Station Index the letters C, G, H, and J in the "Special" column under the heading "Observation Time and Tables", indicate the following:

C Weighing Rain-Gage Recording Station. Hourly precipitation values are processed for special purposes, and are published later in "Hourly Precipitation Data" Bulletin.
G "Soil Temperature" Table.
H "Snowfall and Snow on Ground" Table. Omission of data in any month indicates no snowfall and/or snow on ground in that month.
J "Supplemental Data" Table.

Information concerning the history of changes in locations, elevations, exposure etc. of substations through 1955 may be found in the publication "Substation History" for this state. That publication may be obtained from the Superintendent of Documents, Government Printing Office, Washington 25, D. C. for 15 cents. Similar information for regular Weather Bureau stations may be found in the latest annual issue of Local Climatological Data for the respective stations, obtained as indicated above, price 15 cents.

General weather conditions in the U. S. for each month are described in the publications MONTHLY WEATHER REVIEW and the monthly CLIMATOLOGICAL DATA, NATIONAL SUMMARY, either of which may be obtained from the Superintendent of Documents, Government Printing Office, Washington 25, D. C.

Subscription Price: 20 cents per copy, monthly and annual; $2.50 per year. (Yearly subscription includes the Annual Summary). Checks, and money orders should be made payable to the Superintendent of Documents. Remittance and correspondence regarding subscriptions should be sent to the Superintendent of Documents, Government Printing Office, Washington 25, D. C.

USCOMM-WB-Ambeville, N. C. --- B/8/58 --- 750

See Page 58 for Corrections

·05
NJ
v.1

U. S. DEPARTMENT OF COMMERCE
SINCLAIR WEEKS, Secretary
WEATHER BUREAU
F. W. REICHELDERFER, Chief

CLIMATOLOGICAL DATA

NEW JERSEY

JULY 1958
Volume LXIII No. 7

THE LIBRARY OF THE
SEP 22 1958
UNIVERSITY OF ILLINOIS



ASHEVILLE: 1958

NEW JERSEY - JULY 1958

TEMPERATURE AND PRECIPITATION EXTREMES

Highest Temperature: 98° on the 3rd at Newton

Lowest Temperature: 45° on the 10th at Charlotteburg and on the 21st at Layton 3 NW

Greatest Total Precipitation: 10.92 inches at Atlantic City WB Airport

Least Total Precipitation: 2.78 inches at New Milford

Greatest One-Day Precipitation: 3.63 inches on the 27th at Atlantic City WB Airport

SPECIAL WEATHER SUMMARY

Rainfall for July stands out in marked contrast with that for July 1957, particularly in central and southern portions of the state. Monthly precipitation totals in July 1958 ranged from a little under four inches to more than ten inches, with greatest amounts in the southern portion. In July 1957 rainfall ranged from 0.31 inch to 3.08 inches, except for higher amounts in Sussex County, in the extreme northwest. The average precipitation in the southern division in July 1958 was 6.73 inches, compared to 0.97 inch in July 1957.

A tornado struck Pennsauken Township in Camden County, moved aloft, and touched ground again in Moorestown in Burlington County, between 2:30 and 3:00 p.m., EST, on the 14th. There were no deaths or injuries. Property damage included the demolition of a two-story, cinderblock chicken house, 90 feet long, and damage to three homes and two garages. The storm was small, leaving a path of destruction five and one-half miles long and not more than 20 yards in width, moving from west-southwest to east-northeast.

Donald V. Dunlap, State Climatologist
U. S. Weather Bureau
Trenton, New Jersey

CLIMATOLOGICAL DATA

Station		Temperature: Average Maximum	Average Minimum	Average	Departure From Long Term Means	Highest	Date	Lowest	Date	Degree Days	No of Days: Max 90° or Above	Max 32° or Below	Min 32° or Below	Min 0° or Below	Precipitation: Total	Departure From Long Term Means	Greatest Day	Date	Snow, Sleet: Total	Max Depth on Ground	Date	No of Days: 10 or More	50 or More	100 or More
NORTHERN																								
8ELVIOERE		87.2	64.5	75.9	.4	96	2	55	18	0	16	0	0	0	6.83	1.46	1.70	6	.0	0		8	6	2
BOONTON 2 SE	AM	83.0	63.4	73.2	.2	90	27+	51	18	0	2	0	0	0	4.13	- .07	1.12	29	.0	0		8	3	1
CANOE BROOK	AM	83.3	62.7	73.0	- .1	92	5+	52	18	0	6	0	0	0	4.04	- .58	.78	13	.0	0		11	3	0
CHARLOTTEBURG	AM	81.4	59.6	70.5	- .7	90	3	45	10	12	1	0	0	0	4.83	.10	1.34	27	.0	0		9	4	1
ELIZABETH		84.1	66.9	75.5	- .5	94	1	58	10	0	6	0	0	0	3.87	- .51	.80	9	.0	0		11	2	0
ESSEX FELLS SERV BLDG	AM	83.2	64.4	73.8		94	3	56	21+	1	6	0	0	0	5.16		.98	28	.0	0		9	5	0
FLEMINGTON 1 NE		87.2	64.6	75.9	.2	95	2	51	10	0	11	0	0	0	6.48	2.10	.92	9	.0	0		10	5	0
HIGH POINT PARK	AM	79.8	59.1	69.5		93	2	51	21+	10	2	0	0	0	2.81		.72	7	.0	0		8	2	0
JERSEY CITY		81.4	67.5	74.5	- 1.2	90	3+	61	18+	0	3	0	0	0	5.53	1.57	1.55	6	.0	0		10	4	2
LAMBERTVILLE		86.5	66.2	76.4	1.5	93	31+	55	18	0	7	0	0	0	6.81	2.34	3.60	6	.0	0		11	2	1
LAYTON 3 NW		84.1	59.7	71.9	.1	95	1	45	21	4	3	0	0	0	3.86	- 1.05	1.10	6	.0	0		11	2	1
LITTLE FALLS 1 E	AM	85.8	65.1	75.5	.6	94	3+	54	18	0	11	0	0	0	3.60	- .90	.82	28	.0	0		12	3	0
LONG VALLEY		84.2	63.2	73.7		92	1	55	21+	0	2	0	0	0	6.08	.94	1.80	5	.0	0		8	4	2
MORRIS PLAINS	AM	83.1	63.3	73.2		92	3	53	18+	1	4	0	0	0	4.64		1.44	29	.0	0		9	4	1
NEWARK WB AIRPORT	R	84.9	68.5	76.7	1.4	96	2	63	20+	0	11	0	0	0	4.53	.33	1.15	6	.0	0		10	3	1
NEWTON	AM	83.6M	61.4M	72.5M	.0	98	3	48	18	7	4	0	0	0	4.32	- .36	.83	28	.0	0		8	5	0
PATERSON	AM	85.8	67.2	76.5	.6	97	2	58	18	0	14	0	0	0	3.66	- .92	.69	29	.0	0		11	2	0
PHILLIPSBURG		87.1	66.2	76.7	2.3	94	3	55	10	0	7	0	0	0	3.47	- 2.17	.75	6	.0	0		8	4	0
PLAINFIELD		84.8	65.8	75.3	.2	93	2+	56	10	0	7	0	0	0	5.54	1.05	1.46	6	.0	0		11	4	1
RIOGEFIELO		84.4	66.8	75.6	.4	95	1	58	18+	0	5	0	0	0	5.23	.91	1.43	6	.0	0		11	2	2
SOMERVILLE		85.6	65.4	75.5	.8	94	2	54	20	0	7	0	0	0	6.35	1.91	1.74	7	.0	0		9	5	2
SUSSEX 3 N	//AM	83.2	60.9	72.1	- 1.3	94	2	50	21+	6	3	0	0	0	3.46	- 1.61	1.28	16	.0	0		8	2	1
OIVISION				74.2	.0										4.78	.16			.0					
SOUTHERN																								
AUOUBON		87.2	68.1	77.7		94	31	58	18	0	15	0	0	0	5.96		2.56	24	.0	0		13	2	1
BELLEPLAIN		87.1	68.8	78.0		93	31+	56	18	0	7	0	0	0	7.91	3.73	1.44	9	.0	0		9	6	5
8URLINGTON		88.2	68.7	78.5	1.2	96	31	55	20	0	12	0	0	0	5.41	1.17	1.44	7	.0	0		12	3	2
CLAYTON		86.7	68.1	77.4		92	31+	59	18	0	7	0	0	0	7.10		1.65	22	.0	0		12	6	2
FREEHOLO		85.2	66.2	75.7	.6	93	31	57	18+	0	4	0	0	0	3.72	- .30	.88	27	.0	0		10	1	0
HAMMONTON 2 NNE	AM	86.7	68.2	77.5	1.3	93	4	58	18	0	12	0	0	0	8.19	4.00	1.73	23	.0	0		12	6	5
HIGHTSTOWN 1 N		85.3	66.6	76.0	1.0	93	3+	57	18	0	7	0	0	0	5.24	.99	1.07	7	.0	0		11	4	1
INDIAN MILLS 2 W		86.8	66.5	76.7	1.8	94	31+	54	18	0	11	0	0	0	8.01	4.17	1.68	24	.0	0		12	6	3
LAURELTON 1 E		85.0	66.0	75.5	.8	94	3	57	18	0	10	0	0	0	6.33	2.53	1.20	31	.0	0		11	5	3
LEES8URG STATE FARM		85.6	70.0	77.8		92	6	60	10	0	6	0	0	0	8.64		2.51	28	.0	0		10	6	2
MILLVILLE		87.2	69.4	78.3		94	4	60	18	0	13	0	0	0	9.35		2.61	27	.0	0		13	7	2
MOORESTOWN		85.7	67.8	76.8	1.6	92	31+	57	18	0	6	0	0	0	5.87	1.89	1.86	7	.0	0			4	2
NEW BRUNSWICK EXP STA		85.5	66.0	75.8	.7	92	31+	57	18+	0	6	0	0	0	5.86	1.61	1.20	6	.0	0		9	5	1
† PEMBERTON 3 E		86.6	66.0	76.3	.6	93	31+	56	18	0	9	0	0	0	5.82	1.47	.97	14	.0	0		12	5	0
SHILOH		87.1	69.0	78.1	1.5	94	31	60	18	0	7	0	0	0	5.85	1.99	1.36	22	.0	0		9	5	2
TRENTON 2		85.9	67.5	76.7		94	31	59	10	0	9	0	0	0	5.59	.87	1.73	6	.0	0		12	2	2
TRENTON WB CITY	R	84.8	68.8	76.8	1.5	93	2	61	10	0	7	0	0	0	4.73	.67	1.33	6	.0	0		10	2	1
TUCKERTON		85.5	67.2	76.4		93	3	55	18	0	9	0	0	0	9.05		1.90	13	.0	0		13	6	4
WOOOSTOWN		87.9M	68.8M	78.4M		94	31	59	18	0	14	0	0	0	8.26		2.60	22	.0	0		13	6	3
OIVISION				77.1	1.6										6.73	2.68			.0					
COASTAL																								
ATLANTIC CITY WB AP		85.2	68.5	76.9		93	3	60	18	0	6	0	0	0	10.92		3.63	27	.0	0		13	5	3
ATLANTIC CITY WB	R	80.4	68.8	74.6	1.0	90	3	62	13	0	1	0	0	0	9.57	5.79	3.04	27	.0	0		13	6	3
CAPE MAY 3 W		84.6M	67.0M	75.8M		92	5	61	18+	0	1	0	0	0	7.21		1.80	28	.0	0		10	5	4
LONG BRANCH		83.6	67.4	75.5	.9	95	31	60	22+	0	8	0	0	0	3.57	- .52	.59	28+	.0	0		9	2	0
SANOY HOOK LBSTA																								
DIVISION				75.7	1.0										7.82	4.41			.0					

† DATA RECEIVED TOO LATE TO BE INCLUDED IN DIVISION AVERAGES

SUPPLEMENTAL DATA

Station	Wind direction: Prevailing	Percent of time from prevailing	Wind speed m.p.h.: Average	Fastest mile	Direction of fastest mile	Date of fastest mile	Relative humidity averages percent: 1:00 a EST	7:00 a EST	1:00 p EST	7:00 p EST	Number of days with precipitation: Trace	.01-.09	.10-.49	.50-.99	1.00-1.99	2.00 and over	Total	Percent of possible sunshine	Average sky cover sunrise to sunset
ATLANTIC CITY WB AIRPORT	S	17	9.0	-	-	-	89	87	64	78	5	3	6	2	2	1	21	-	7.0
LONG 8RANCH	SW	14	11.2	32	NW	19	-	83	66ø	69	3	5	7	2	0	0	17	54	6.8
NEWARK WB AIRPORT	SSW	14	8.5	24++	WNW	6	82	81	57	69	5	7	7	2	1	0	22	-	7.4
TRENTON WB CITY	-	-	7.6	25	W	19	-	-	-	-	3	6	6	1	1	0	19	50	7.1

ø 12:00 Noon

See Reference Notes Following Station Index

DAILY PRECIPITATION

NEW JERSEY
JULY 1958

Station	Total	Day of month																													
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
ATLANTIC CITY W 8 AP	10.92				T	.46	.27	T	.83	.36		.92	1.60	.02	.48		T		T	.03		T	1.20	.22	.21	.01		3.63	.22			.46
ATLANTIC CITY W8 R	9.57					.03	.12		.35	.32		.35	1.18	T	.50		T		T	.14		T	1.85	.22	.15	.60		3.04	.02			.70
AUDUBON	5.96						.10	.36	.25	.24		.16	.33	T	.15		T		T				.60	.30	2.56			.24		.29		.29
BASS RIVER ST FOREST	7.85						1.09		.64		.22	*	*	2.15									*	1.84	.20	.06		*	1.69			
BELLEPLAIN	7.91							.05		1.44			1.31	1.12	1.30	1.20							.36	.25	.05	.25			.58			
BELMAR		RECORD MISSING																													
BELVIDERE	6.83						1.70	.13	.08	.08		.85			T		.80					T	.42	.04			.08	.87	.04	1.24		.50
BERLIN 1 W	7.19						.89	.62		1.05			.37	1.29		.25		.15						1.18	.79				.60			
BLACKWELLS MILLS	7.03				.06		1.87	.56	T	1.23			.02	.31		.10	.69	T		T			.05	.93	.02	.03				1.16		
BOONTON 2 SE	4.13						.66	.37	T	.12			T	.02		.09	.38	.06					.02	.21	T			.29	.79	1.12		
BOUND BROOK 1 W	6.74						1.56	.60	.44	.80				.60	.60	.05	.77						.31	.29	T				.11	.61		
BRANCHVILLE	3.44						.52	.15	T	.11			.29		.06	.04	.81		.04	.07	T		T	.15				.62	.26	.32		
BURLINGTON	5.41						.52	1.44		.33			.22	.23	1.00								.44	.40	T	.32		.17		.10		.24
CANISTEAR RESERVOIR	3.53						.63	.40	T	.08			.41				.35	.02					.02	.12				.92	.11	.47		
CANOE BROOK	4.04						.60	.77	.01	.48				.78		.12	.28	T					.14	.15				.19	.14	.38		
CANTON	7.59					.53		.80	.01	1.15			.42	.92	.07								.50	2.31	.21	.63		T				
CAPE MAY 3 W	7.21							.14	.04	.78	.08		.12	1.06	.22				.05			.04	1.25		1.42	.11		.10	1.80			
CEDAR GROVE	4.81						.09	1.31		.53				.38		.17	.52	.37						.20				.72	.52			
CHARLOTTEBURG	4.83						.60	.33	T	.05			.41	.20		.04	.20	.06					.02	.15				1.34	.87	.56		T
CHATHAM	4.63						.60	.76	T	.58				1.20		.11	.31						.11	.17				.20	.08	.51		
CLAYTON	7.10					.20	.78	.15		.95		.07	.18	.58	1.01		.09					T	1.65	.38	.52	.05		.38	.11			
CLINTON	6.04			.08			.92	1.13	.03	.30			.06	.06	.08	.10	.89						.55	.03				.03	.07	.58		1.13
DEEPWATER	6.58				.05	.01	.26	.66	1.05	.28		.02	.99		.20		.05						1.17	.19	1.20					.06		.39
ELIZABETH	3.87						.15	.45	.30	.80			.25	.30	.15	T	.51						.14	.03		.01		.29	.08	.37		.04
ELIZABETHPORT	6.83						1.62		1.30	.03			.23	.29	.20		.32						.37				.06	.13	.59	.48		1.21
ESSEX FELLS SERV BLDG	5.16						.95	.37	T	.56				.67		.18	.31							.27					.98	.87		
FLEMINGTON 1 NE	6.48						.86	.89	.36	.92		T	.91	.01	.16	.02	.49			T			.89	.02	T	.05		T	.48	.42		
FORTESCUE	7.52				.41	.25		.30		1.50	.45		.57	1.60	.42	.33								.43	.54	.60			.12			
FREEHOLD	3.72						.33	.34		.42			T	.24	.45	.02				.04			.45	.15	.25			.88		.15		
GREENWOOD LAKE	4.68						1.03	.44	.11	.11			.16			.05	.48	.18		.02			.03	.15		T		.42	.34	1.16	T	T
HAMMONTON 2 NNE	8.19					.03	.17	1.32	.06	1.12	.04		.41	.50	.11	.26				.10				1.73	.21	1.12			1.01				
HIGH POINT PARK	2.81						.63	.72		.15			.20			.11	.35	.02		.12			.07	.07					.05	.32		
HIGHTSTOWN 1 N	5.24					T	.75	1.07	.26	.36		.04	.31	.53	.22		.09			.01			.25	.07	.07	.20		.65	.04	.30		.02
INDIAN MILLS 2 W	8.01						.56	1.35		.54		.24	.42	.03	.68		.45			.01		T	1.14	.28	1.68	.08		.40	.15			
IRVINGTON	5.35					.62	.97	.02	.70	.04			.44	.03	.09	.07	.12						.53	T	.01		.17	.06	.10	.38	T	1.00
JERSEY CITY	5.53						1.55	.01	.75	.05			.19	.13	.17		.01						.60				.09	.30	.23	.30		1.15
LAMBERTVILLE	6.81						3.60	.20	.10	.90		.05	.18	T	.20		.18						.45	.14		.05		T	.29	.47		T
LAURELTON 1 E	6.33					T	1.10		.64	.16		.04	1.08	.02	.41		T		T		T	.30		.40			.50	.19	.29		1.20
LAYTON 3 NW	3.86						1.10	.12	.18	.03		.28	.10		.05	.39	.50			.09			.13	.04			.04	.16	.30		.35
LEESBURG STATE FARM	8.64					.39	.03	.04	.01	1.63	.23	.02	.98	.74	.14	.03				.02		.02	.41		.53	.87		.04	2.51			
LITTLE FALLS 1 E	3.60						.55	.36		.14			.16	.15		.11	.32	.04					.14	.10				.10	.82	.61		
LONG BRANCH	3.57					T	.29		.41	.08		.04	.13	T	.43		T		.08				.59	.29	.18			.29	.59	.08		.09
LONG VALLEY	6.08					1.80			.10				.12		.08		.90			.01			.36	.05				.40		.86		1.40
MACOPIN INTAKE	4.76						.68	.37	.07	.03			.40	.18		.05	.19	.10			T		.04	.22				1.06	.73	.62		.02
MAHWAH	3.16						.47	.33	.05	.03			.26	.64		.05	.14	.08					.02	.20				.37	.18	.34		
MANVILLE	7.06						2.20	.50	.95	.05			.43	.24	.20	.10	.79						.70	T	T				.22	.58		.10
MARLTON 1 W	9.58						.65	1.10		.80		.08		.40	.55		.07			.02			.77	.15		3.60		.53		.66		.20
MAYS LANDING	10.18					.63	.02	.10	1.20	.02			.72	2.96	.10					.02			.83	.20	.15	.25		2.68	.30			
MIDLAND PARK	4.18						.91	.55		.07			.54	.01	.08	.01	.19			.11			.15	.01			.14	.23	.25	.72		.21
MILLVILLE	9.35				.05	.22	.35		.64	1.09		.98	.96		.60			T		.07			.86	.18	.17			2.61	.12			.45
MILTON	3.60						.74	.27	.07				.43			.06	.36	.14				.08	.05	.06				.31	.33	.68		.02
MOORESTOWN	5.87					.42		1.86		.37	T		*	*	.23	.28		.01				T	.16	.63	.05	1.16			.70			
MORRIS PLAINS	4.64						.56	.34	.04	.14		T	T	.65	T	.09	.53						.12	.29	T	T		.08	.36	1.44		T
NEWARK W8 AIRPORT R	4.53					.24	1.15	.03	.73	.01		T	.19	.06	.22	.03	.12		T	T			.50	.02	T		.08	.04	.32	.32	T	.47
NEW BRUNSWICK EXP STA	5.86					T	1.20	.54	.94			T	.79		.11	T	.40			T			.95	.01		.02		.08	.35	.47		T
NEW MILFORD	2.78						.68	.78	.14						.12		.20						.04					.10	.04	.50		.18
NEWTON	4.32						.80	.45		.03			.12			.03	.53	T					.05	.12	T			.79	.83	.57		
OAK RIDGE RESERVOIR	3.85						.62	.29	.08	.12			.29			.08	.36	.02					.07	.11				.39	.53	.89		
OLDWICK	4.49						.62	.80	T	.38			T	.37		.27	.40	.19	T	T			.26	.17	.01			.01	.32	.69		
ORANGE	5.44							1.22		.66					1.70		.20	.10					.28						1.04	.24		
PATERSON	3.66						.63	.33	.18	.21			.30			.18	.31	.01					.03	.15	T	T		.35	.29	.69		T
PEMBERTON 3 E	5.82						.56	.45		.80			.12	.33	.97		.29			.06			.77	.12	.04	.55		.45	.01	.30		
PHILLIPSBURG	3.47						.75	.29	T	.20					.20	.73	T	T					.19	T					.52	.59	T	
PHILLIPSBURG BRIDGE	4.00						.56	.25	.16				.04				1.12						.31	.10				.02	.70		.65	
PLAINFIELD	5.54				T		1.46	.48	.69			T	.46		.11	T	.64						.57	.02	T	T		.32	.12	.33	T	.34
PLEASANT RUN	8.47				.61		.84	1.13	.31	1.49				.71		.12	.39	.14	T			.72	.31	T	T			T	1.38		.32
PRINCETON WATER WORKS	6.50					.22	3.45		.26	.03		.08	.17	.48	.12		.15						.25	T	.12			.56	.05	.52		.04
RAHWAY	7.08					.01	1.47	T	1.45	.06			.10	.22	.20	.03	.68						.42				.02	.18	.57	.49		1.18
RIDGEFIELD	5.23						1.43	T	.33	.03			1.20	.13	.26		.06						.27	T			.45	.35	.10	.23		.30
RINGWOOD	3.17						.64	.28	.18	.03			.30	.01	.03	T	.23	.06					.11	.05				.48	.10	.64		.03
SANDY HOOK LBSTA		RECORD MISSING																													
SHILOH	5.85					.48	.02	.53	.01	1.16			.27	.35	.36				T	.05		T	1.36	.67	.03	.56						
SOMERVILLE	6.35						1.34	1.74	.05	.52			.43	.05	.31	T	.52						.74	T	T				.20	.45		
SPLIT ROCK POND	4.92						.49	.39	.16	.05	.04			.38		.12	.33	.01			*			.20				.45	1.28	.74		.28
SUSSEX 3 N //	3.46						.59	.46	.18	.01			.05			.06	1.28	.06		.09			T	.14				.10	.21	.23		
SWEDESBORO 5 NW	7.02					T	.78	1.56	.02	.60	T		.72	.84	.12	.02	.21						.86	.27	.06	.60			.18	.18		
TOMS RIVER	0.40						.38			1.15		.10	2.81	.31	1.44								.01			1.14			1.10		.06	
TRENTON 2	5.50					.37	1.73	.03	.31	T		.17	.27	.25	.12		.08		.02				.20	.06	.26			1.13		.42	.01	.16
TRENTON W8 CITY R	4.73					.37	1.33	T	.31	.03		.06	.23	.27	.09	.03	.01		T				.31	.04	.26			.93	T	.33		.13
TUCKERTON	0.05					1.10		1.10		.00			.70	1.00	.20	.05	.20						1.70	.20	.10	.10		.40	.40			
VINELAND	8.92					.30	.17	.53	.11	.08	.14		.07	.51	.12	.31		T		.02			T	2.14	.20	.11			2.22				
WANAQUE RAYMOND DAM	3.35						.70	.34	.10	.02			.14	.04		.05	.15	.01					.01	.20				.23	.88	.36		.03
WERTSVILLE	8.20						2.88	1.40	.03	.76	T		T	.37	T	.14	.45	T		T			.56	.77	T	.03			T	.00	T	
WESTFIELD	5.73					.20	1.16	.26	.70				.51	.03	.12		.28											.35	.05	.63		1.44
WOODCLIFF LAKE		RECORD MISSING																													
WOODSTOWN	8.26						.22	1.15		1.10			.36	.52	.10	.17		.13		T	T		T	2.60	.40	.61	.73		.17		T	

See Reference Notes Following Station Index

DAILY TEMPERATURES

Station		Day Of Month																													Average
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
ATLANTIC CITY WB AP	MAX	90	92	93	85	88	86	87	89	76	80	88	85	81	79	90	90	79	80	85	80	76	75	89	85	85	89	84	86	89	89	92	85.2
	MIN	70	70	71	73	71	69	71	71	65	61	69	67	69	69	71	75	62	60	67	62	65	68	71	69	68	69	70	70	71	68	72	68.5
ATLANTIC CITY WB	MAX	87	83	90	80	80	81	81	79	76	77	77	72	77	75	76	88	78	74	85	81	73	73	89	81	82	82	79	76	89	89	82	80.4
	MIN	69	68	73	71	70	70	69	70	68	67	70	67	62	65	66	65	69	64	68	64	67	70	70	70	70	72	70	73	73	71	73	68.8
AUDUBON	MAX	91	92	92	92	87	90	90	91	77	86	90	88	86	81	91	90	79	81	86	82	77	76	91	88	89	92	85	90	89	90	94	87.2
	MIN	69	71	70	71	63	65	70	72	68	60	70	69	69	69	70	73	65	58	67	63	64	65	68	70	69	70	72	71	71	68	71	68.1
BELLEPLAIN	MAX	89	92	93	91	92	88	89	90	88	84	89	88	85	82	88	90	84	80	86	83	78	78	88	87	85	89	88	88	88	88	93	87.1
	MIN	64	70	72	71	71	72	72	75	66	68	72	68	69	66	71	76	67	56	66	59	64	67	70	70	67	67	72	70	75	65	74	68.8
BELVIDERE	MAX	95	96	91	92	82	90	91	90	81	90	90	91	88	85	92	90	82	81	83	82	82	78	82	87	90	91	87	77	90	90	87	87.2
	MIN	67	68	69	66	64	65	67	67	66	56	69	66	64	65	69	64	63	55	66	59	59	63	64	65	65	62	68	65	69	63	61	64.5
BOONTON 2 SE	MAX	85	89	90	88	86	74	80	87	87	77	84	87	85	86	77	88	86	80	79	81	76	81	67	82	88	88	90	80	72	89	84	83.0
	MIN	63	65	69	65	62	63	64	71	64	52	59	70	65	60	64	68	67	51	58	59	55	60	62	64	66	62	69	68	68	64	67	63.4
BURLINGTON	MAX	95	95	93	92	90	89	88	91	83	86	90	89	85	86	91	90	88	82	84	84	79	77	88	88	88	92	87	87	89	93	96	88.2
	MIN	69	72	71	73	72	65	69	70	72	59	72	74	69	67	72	74	69	60	64	55	66	65	67	70	70	69	72	72	71	67	72	68.7
CANOE BROOK	MAX	86	92	92	87	92	75	78	88	90	77	84	88	87	86	74	90	88	79	80	82	76	72	68	81	87	87	90	78	73	88	86	83.3
	MIN	54	64	66	64	66	63	65	72	66	56	63	62	55	60	66	68	61	52	61	54	57	61	63	63	68	61	69	68	68	60	67	62.7
CAPE MAY 3 W	MAX	86	88	89	89	92	88	86	87	85	78	83	85	84	79		89	86	80	83	83	77	77		86	82	85	83	83	86	88	86	84.6
	MIN	61	68	68	70	69	69	67	67	68	64	67	67	67	66		68	69	61	63	67	63	68		66	67	68	69	69	68	69	70	67.0
CHARLOTTEBURG	MAX	85	89	90	86	83	73	79	84	87	76	82	87	84	83	71	88	84	78	78	80	74	79	66	78	87	88	88	76	70	86	83	81.4
	MIN	61	67	69	60	57	61	62	68	63	45	60	67	61	55	59	66	59	46	52	58	49	53	59	62	61	56	62	66	66	57	62	59.6
CLAYTON	MAX	89	90	91	91	92	91	90	89	88	85	87	85	88	82	89	88	87	79	84	81	75	77	87	85	86	88	89	88	87	87	92	86.7
	MIN	68	70	70	71	72	66	69	74	70	61	70	67	69	68	67	73	68	59	68	63	64	67	70	62	63	69	72	70	72	66	72	68.1
ELIZABETH	MAX	94	93	92	86	79	80	84	90	88	88	86	80	80	80	90	86	81	76	82	75	76	75	78	89	88	90	83	74	89	89	87	84.1
	MIN	68	71	70	69	68	64	64	72	68	58	72	71	66	65	69	70	67	60	63	61	62	63	65	67	69	63	70	70	75	65	70	66.9
ESSEX FELLS SERV BLDG	MAX	87	92	94	90	89	72	86	89	90	86	85	90	84	84	82	90	86	78	80	80	78	75	67	80	84	86	88	78	72	80	78	83.2
	MIN	62	70	70	68	65	62	62	65	64	68	69	63	64	62	61	68	66	56	60	59	56	58	60	64	66	68	67	68	68	69	68	64.4
FLEMINGTON 1 NE	MAX	94	95	93	90	82	85	90	91	89	86	90	87	88	82	92	88	88	82	83	78	81	73	84	89	90	92	89	82	87	88	94	87.2
	MIN	64	68	67	67	63	64	67	69	68	51	70	64	66	63	66	68	66	54	66	59	58	61	64	63	68	61	68	71	69	62	67	64.6
FREEHOLD	MAX	91	92	91	86	76	84	87	88	87	84	87	87	82	77	89	88	85	80	83	79	76	73	84	87	88	89	88	83	88	88	93	85.2
	MIN	67	68	68	67	68	63	68	72	69	57	71	68	67	63	68	72	63	57	64	61	62	63	65	68	68	66	70	68	69	64	69	66.2
HAMMONTON 2 NNE	MAX	88	92	92	93	92	90	90	88	90	75	85	90	88	86	82	92	92	79	83	85	80	78	77	88	87	92	90	78	89	88	89	86.7
	MIN	68	70	70	70	72	68	69	73	69	62	67	70	68	69	70	75	68	58	64	62	63	64	67	69	68	68	70	70	74	66	73	68.2
HIGH POINT PARK	MAX	86	93	92	85	77	69	80	82	82	75	81	84	82	79	74	86	83	71	76	76	71	76	68	75	82	85	86	75	72	89	82	79.8
	MIN	58	64	68	58	58	58	57	57	54	55	60	65	54	60	62	67	58	54	51	54	51	58	57	61	60	63	65	64	64	60	57	59.1
HIGHTSTOWN 1 N	MAX	93	93	93	88	78	85	87	90	82	85	88	87	82	78	91	88	83	81	83	80	76	70	85	88	88	90	86	81	87	87	92	85.3
	MIN	67	70	69	68	68	64	68	72	69	58	71	69	66	63	70	71	65	57	65	60	60	63	66	68	68	66	70	70	70	64	70	66.6
INDIAN MILLS 2 W	MAX	93	92	93	94	90	89	87	90	76	85	90	87	85	80	90	90	81	80	84	82	77	75	89	88	87	91	86	89	88	89	94	86.8
	MIN	66	68	69	66	71	66	67	73	68	57	70	69	68	67	71	74	64	54	65	56	62	65	68	67	67	65	70	69	70	63	68	66.5
JERSEY CITY	MAX	90	90	90	79	74	77	81	88	76	82	86	85	80	73	89	86	76	74	82	77	76	68	80	85	70	85	77	71	88	86	87	81.4
	MIN	70	72	75	70	69	61	65	69	70	62	69	70	65	68	71	70	68	61	65	62	62	62	64	69	70	70	69	69	69	69	69	67.5
LAMBERTVILLE	MAX	92	93	92	92	84	87	88	89	80	85	88	87	86	84	90	88	87	81	85	83	77	75	85	87	89	90	89	79	88	88	93	86.5
	MIN	66	68	67	67	67	64	69	71	69	56	72	70	66	66	69	70	63	55	67	58	61	63	65	66	68	63	71	71	70	63	70	66.2
LAURELTON 1 E	MAX	93	93	94	82	77	79	85	92	78	83	91	89	80	76	92	92	80	80	86	83	75	69	88	87	86	90	81	80	89	91	93	85.0
	MIN	67	69	70	66	66	65	67	71	64	59	70	68	65	66	69	69	60	57	65	58	63	64	69	70	68	65	69	71	66	62	68	66.0
LAYTON 3 NW	MAX	95	94	86	85	80	85	85	88	80	80	89	88	88	80	90	87	80	80	80	80	80	72	80	87	87	88	80	76	85	88	84	84.1
	MIN	59	59	54	56	59	63	65	70	60	50	67	68	60	58	64	63	59	50	60	55	45	53	62	60	60	61	65	68	66	58	53	59.7
LEESBURG STATE FARM	MAX	85	89	91	88	91	92	89	90	90	81	86	86	83	83	88	86	86	79	85	86	77	75	84	81	84	85	85	85	87	87	90	85.6
	MIN	74	71	72	74	73	74	74	75	65	60	74	76	69	67	74	76	67	62	70	64	63	67	71	69	67	66	72	69	76	67	73	70.0
LITTLE FALLS 1 E	MAX	89	94	94	91	88	75	85	88	91	79	87	90	88	89	79	93	90	84	82	84	80	82	68	83	91	92	92	80	74	90	88	85.8
	MIN	65	72	71	65	65	62	64	72	66	56	68	70	65	62	68	71	63	54	65	61	58	62	63	65	68	64	70	67	67	62	68	65.1
LONG BRANCH	MAX	90	93	92	81	73	77	85	92	77	82	90	90	82	73	91	89	78	79	82	76	75	69	87	86	86	86	82	78	88	89	95	83.6
	MIN	69	71	71	71	65	63	68	72	66	60	71	69	68	65	70	73	67	60	64	64	64	60	66	69	69	67	71	69	70	66	70	67.4
LONG VALLEY	MAX	92	91	89	89	86	80	86	88	83	83	86	85	84	78	89	87	80	79	81	77	78	73	81	86	88	89	85	75	87	85	89	84.2
	MIN	64	62	67	68	63	65	68	70	63	58	68	69	62	60	66	65	60	55	62	56	55	57	63	62	65	58	67	68	67	59	68	63.2
MILLVILLE	MAX	87	91	92	94	92	92	91	88	90	75	84	90	88	87	82	90	89	80	82	87	80	78	80	90	85	89	91	89	89	90	90	87.2
	MIN	68	70	71	75	72	70	71	75	71	61	68	70	69	68	71	76	71	60	66	64	64	65	69	70	69	69	72	71	74	68	73	69.4
MOORESTOWN	MAX	91	91	92	91	86	88	87	89	76	84	87	86	87	78	89	89	77	79	84	82	77	74	89	87	88	90	83	87	87	89	92	85.7
	MIN	69	72	71	68	68	65	69	72	65	58	71	70	69	69	72	74	61	57	66	65	63	65	68	69	69	68	70	75	68	67	70	67.8
MORRIS PLAINS	MAX	86	91	92	90	85	72	79	88	88	77	84	87	85	86	72	89	87	82	79	82	78	80	66	81	89	88	90	78	70	89	85	83.1
	MIN	64	66	66	64	60	62	64	70	64	53	67	68	64	59	65	67	64	53	64	56	57	59	62	63	67	61	69	67	66	64	66	63.3
NEWARK WB AIRPORT	MAX	95	96	91	84	74	81	84	91	78	86	90	89	83	75	93	90	82	78	87	79	78	70	83	91	88	88	81	75	91	90	91	84.9
	MIN	71	73	72	71	66	63	69	73	68	64	73	72	67	67	71	71	68	63	67	63	64	64	65	70	72	69	71	69	69	68	70	68.5
NEW BRUNSWICK EXP STA	MAX	91	92	92	87	82	82	85	89	88	83	87	86	82	82	90	89	86	79	83	82	78	75	84	88	87	90	89	75	87	87	92	85.5
	MIN	67	69	70	68	66	63	68	72	67	57	71	68	65	64	69	69	64	57	64	59	61	63	64	67	69	65	70	68	68	64	70	66.0
NEWTON	MAX	87	93	98	89	85		86	86	88	76	84	89	87	85	76	91	87	78	72	81	76	80	67	78	85	88	90	77	74	87	87	83.6
	MIN	61	66	70	59	60		66	70	64	49	63	68	61	59	64	68	62	48	60	60	50	57	61	59	60	58	65	66	68	60	59	61.4
PATERSON	MAX	95	97	95	93	87	73	83	90	92	80	87	90	90	86	76	93	90	82	84	85	80	82	68	82	90	90	90	78	72	91	89	85.8
	MIN	65	74	77	69	67	62	68	72	69	60	68	72	67	65	68	70	68	58	67	63	61	64	63	67	70	67	70	67	67	67	71	67.2
PEMBERTON 3 E	MAX	92	91	93	92	85	88	88	90	85	85	89	87	86	80	90	88	82	81	85	82	76	76	88	87	89	91	87	80	90	88	93	86.6
	MIN	64	67	68	66	68	65	67	72	64	59	71	68	68	66	69	73	63	56	64	59	63	63	67	68	67	65	68	68	69	62	68	66.0
PHILLIPSBURG	MAX	91	91	94	88	90	88	86	90	88	84	87	88	87	88	88	83	88	80	85	86	82	79	87	87	87	90	88	84	87	87	92	87.1
	MIN	64	67	68	68	64	65	68	72	57	55	73	70	65	67	71	68	64	56	61	65	59	67	69	69	70	62	72	73	69	65	68	66.2
PLAINFIELD	MAX	93	93	91	85	74	82	88	89	77	85	88	87	85	75	92	88	82	81	84	80	80	67	84	89	90	91	84	75	89	88	92	84.8
	MIN	65	69	68	67	65	64	69	72	67	56	72	71	65	63	68	70	64	59	65	59	60	63	64	66	69	64	71	69	69	63	64	65.8
RIDGEFIELD	MAX	95	94	90	88	74	82	87	92	77	87	89	88	86	75	91	89	80	81	83	78	82	68	82	88	89	89	76	71	89	88	87	84.4
	MIN	69	71	73	67	67	62	67	74	62	58	73	72	65	65	70	71	67	58	67	62	61	63	65	67	71	67	69	67	69	64	69	66.8
SANDY HOOK LBSTA	MAX																																
	MIN																																

See Reference Notes Following Station Index

DAILY TEMPERATURES

Station		Day Of Month 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Average
SHILOH	MAX	90	91	92	89	90	91	86	89	88	82	89	82	87	86	89	88	87	79	85	82	77	80	89	88	88	90	88	89	88	88	94	87.1
	MIN	68	67	69	72	72	68	70	74	69	61	74	69	69	69	73	75	69	60	68	62	63	67	67	70	68	70	72	71	74	68	72	69.0
SOMERVILLE	MAX	93	94	91	87	81	83	87	90	86	85	88	86	85	81	90	87	84	83	83	79	79	73	83	88	89	90	84	77	88	87	92	85.6
	MIN	65	67	67	69	65	64	69	71	66	56	72	71	66	63	68	69	64	58	58	54	60	62	66	65	69	62	70	70	69	63	69	65.4
SUSSEX 3 N	MAX	87	94	93	87	86	76	87	86	88	78	84	88	86	87	74	90	87	78	79	80	75	79	65	78	86	87	89	80	74	87	85	83.2
	MIN	60	65	69	58	61	62	63	68	63	52	57	69	61	60	62	69	63	50	54	58	50	51	59	60	61	61	63	67	67	61	65	60.9
TRENTON 2	MAX	93	93	93	90	80	86	86	91	77	86	88	88	85	77	92	90	79	81	85	80	77	71	87	88	89	90	86	86	88	89	94	85.9
	MIN	70	72	71	70	66	64	69	72	68	59	70	69	67	66	71	72	67	60	67	61	63	64	66	69	68	67	71	70	69	66	70	67.5
TRENTON W8 CITY	MAX	92	93	91	90	78	86	87	88	75	84	86	86	84	77	91	88	78	80	84	79	76	71	85	87	88	90	85	82	88	89	92	84.8
	MIN	72	74	73	72	64	65	70	72	68	61	72	70	68	66	73	74	67	63	67	65	64	63	66	70	70	70	71	71	71	70	70	68.8
TUCKERTON	MAX	91	91	93	90	85	80	88	90	85	80	86	85	80	80	92	90	86	78	85	83	74	75	90	85	83	88	84	85	88	89	92	85.5
	MIN	67	70	70	68	71	68	68	72	67	59	71	68	67	66	70	69	66	55	65	58	58	67	69	70	67	67	70	69	73	65	72	67.2
WOODSTOWN	MAX	91	91	93	91	91	93	88	91	87	84	90	88	87	85	90	90	88	80	85	82	78	78	89	87	89		90	90	89	89	94	87.9
	MIN	67	70	69	70	71	68	69	75	71	60	71	69	70	69	72	74	67	59	68	64	64	66	71	69	69		69	71	74	66	72	68.8

DAILY SOIL TEMPERATURES

Station And Depth		Day of month 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Average
NEW BRUNSWICK EXP STATION																																	
MEASURED UNDER SOD																																	
1 INCH	MAX	93	83	86	90	76	82	89	86	83	81	87	86	87	78	90	85	89	89	88	90	89	72	85	94	91	95	88	79	82	88	83	87.8
	MIN	70	72	72	73	69	69	73	75	70	68	74	74	73	72	73	75	73	69	72	87	68	68	70	72	74	73	75	75	71	72	74	71.8
2 INCHES	MAX	84	84	86	84	75	79	84	84	80	90	83	82	83	77	85	83	81	82	80	86	80	72	80	86	85	86	82	78	88	83	86	82.4
	MIN	71	73	73	73	70	70	73	75	72	70	75	75	74	73	74	74	73	70	72	69	70	70	71	72	75	73	77	75	74	73	75	72.7
4 INCHES	MAX	83	83	84	83	75	78	83	83	77	82	82	81	82	76	84	82	80	80	80	80	78	72	79	84	83	85	81	77	84	82	85	81.0
	MIN	71	73	73	74	70	70	73	75	73	70	74	75	74	73	73	76	73	70	72	69	70	71	71	72	75	73	76	75	74	73	75	72.8
8 INCHES	MAX	76	76	76	77	75	74	78	78	78	77	77	77	78	77	78	78	77	75	75	75	75	72	75	78	78	79	78	76	78	77	79	78.8
	MIN	70	72	72	73	73	71	72	74	75	74	74	74	74	74	73	75	75	73	73	72	71	72	71	73	75	75	77	75	75	75	76	73.4
18 INCHES	MAX	71	72	73	73	73	71	74	74	74	73	74	74	74	74	75	75	74	73	73	72	72	72	72	74	75	75	75	75	75	74	75	73.8
	MIN	89	70	71	71	71	70	72	72	73	71	73	73	73	73	73	75	74	73	73	72	72	72	71	72	73	74	75	74	75	74	74	72.5
32 INCHES	MAX	66	67	67	68	68	68	69	89	70	70	69	70	70	70	70	70	71	71	70	70	70	71	70	70	70	70	71	71	71	70	70	89.8
	MIN	65	65	66	67	68	67	68	88	69	69	89	69	88	70	70	70	70	70	70	70	70	70	70	89	70	70	70	71	70	70	70	69.0

Measured under Kentucky Bluegrass. Instrumentation: Copper-constantan Thermocouples connected to a Brown Electronik Potentiometer.

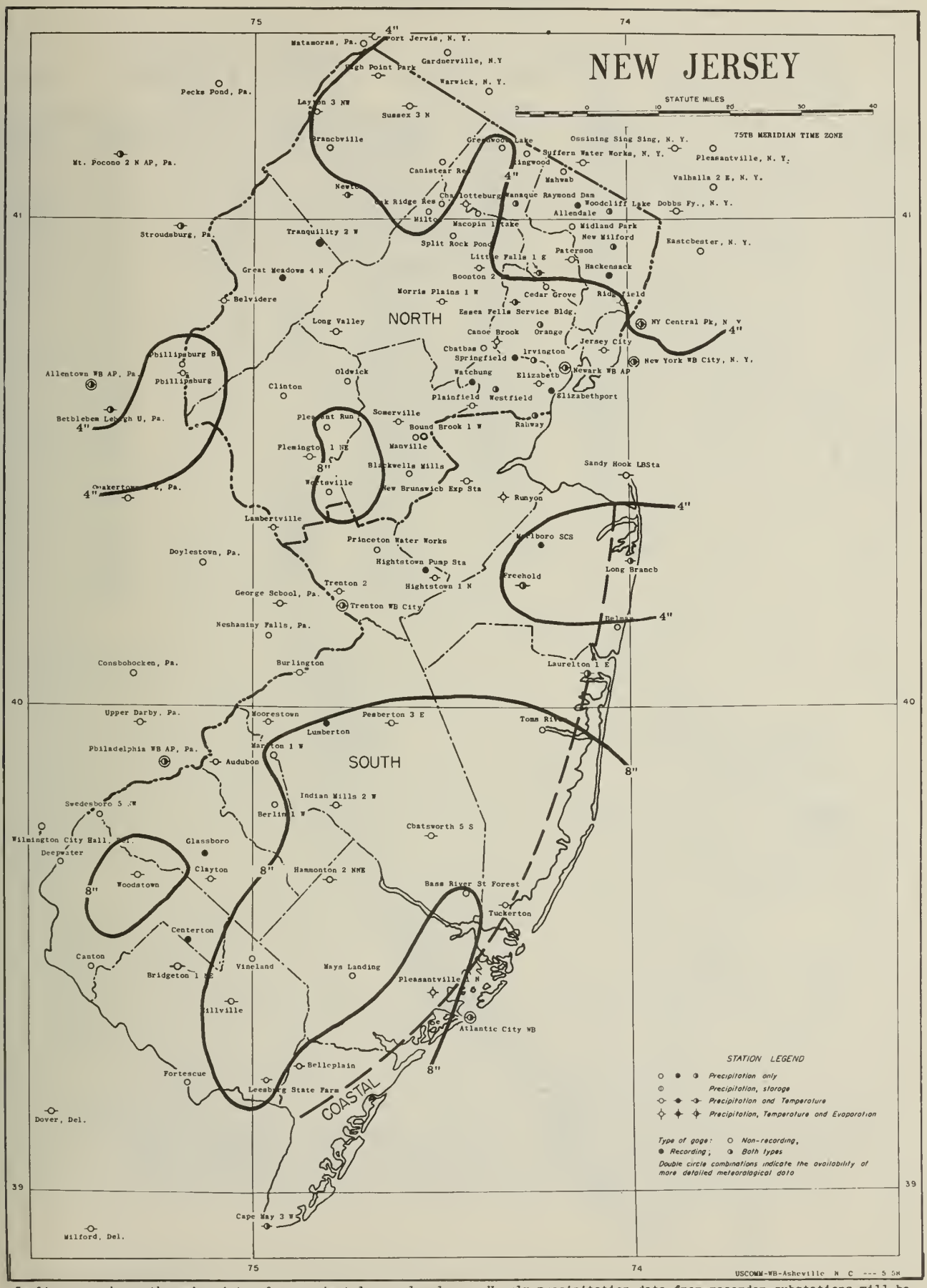
EVAPORATION AND WIND

Station		Day of month 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Total or Avg
CANOE BROOK	EVAP	*	*	.45	.29	.20	*	*	*	*	.43	.46	.12	*	*	.36	.20	.16	.15	.13	.17	.22	.14	.00	.03	.16	.18	.12	.05	.08	.18	.13	4.39
	WIND	8	9	5	2	2	5	3	4	29	1	2	17	4	14	3	6	8	8	10	25	21	3	3	1	3	2	7	7	3	7	6	228

See reference notes following Station Index.

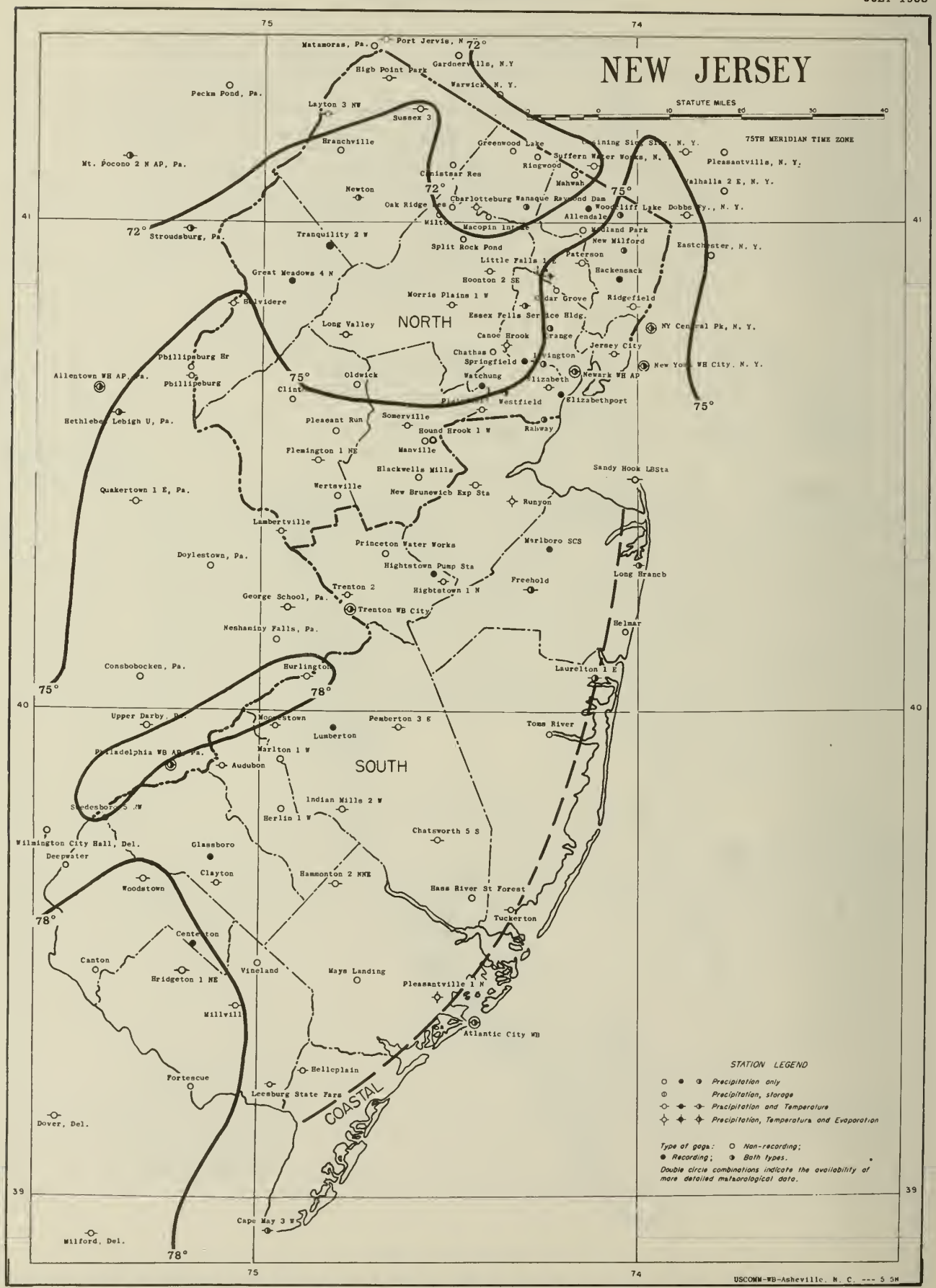
TOTAL PRECIPITATION

NEW JERSEY
JULY 1958



Isolines are drawn through points of approximately equal values. Hourly precipitation data from recorder substations will be available in the publication "Hourly Precipitation Data".

AVERAGE TEMPERATURE



Isolines are drawn through points of approximately equal values. Hourly precipitation data from recorder substations will be available in the publication "Hourly Precipitation Data".

STATION INDEX

STATION	INDEX NO.	COUNTY	DRAINAGE ‡	LATITUDE	LONGITUDE	ELEVATION	OBSERVATION TIME AND TABLES: TEMP.	PRECIP.	EVAP.	SPECIAL (SEE NOTES)	OBSERVER
ALLENDALE	0100	BERGEN	8	41 02	74 08	270				C	BERGEN COUNTY ENGS
ATLANTIC CITY WB AP	0511	ATLANTIC	1	39 27	74 35	70	MID	MID		C HJ	U.S. WEATHER BUREAU
# ATLANTIC CITY WB	0525	ATLANTIC	1	50 22	74 23	8	MID	MID		C HJ	U.S. WEATHER BUREAU
AUDUBON	0346	CAMDEN	2	39 54	73 04	50	11P	11P			IRVIN J. NYGREN
BASS RIVER ST FORES7	0528	BURLINGTON	1	5D 37	74 26	20		8P		N	N.Y. FORES7RY SVC
BELLEPLAIN	0890	CAPE MAY	1	3D 16	74 52	40	5P	5P			NRS. ED C. HOFFMAN
BELMAR	0721	MONMOUTH	1	40 10	74 02	10		MID			CITY WATER DEPT
BELVIDERE	0720	WARREN	2	40 30	75 03	280	5P	3P		N	NISS C. S. HIXSON
BERLIN 1 W	0787	CAMDEN	7	3D 48	74 57	150		7A			SAMUEL H. MC CULLEY
BLACKWELLS MILLS	0847	SOMERSET	10	40 2D	74 35	27		7A			HENRY N. NILLER
BOONTON 2 SE	0007	MORRIS	8	40 54	74 24	280	8A	8A			JERSEY CITY WTR WKS
BOUND BROOK 1 W	0027	SOMERSET	10	40 35	74 53	20		8A			AMERICAN CYANAMID CO
BRANCHVILLE	0078	SUSSEX	2	41 00	74 43	570		7A			ALBERT N. DAVENPORT
BURLINGTON	1211	BURLINGTON	2	40 04	74 35	12	6P	8P			PUBLIC SVC E + G CO
CANISTEAR RESERVOIR	1527	SUSSEX	8	41 07	74 30	1940		8A			NEWARK WATER DEPT
CANOE BROOK	1353	ESSEX	8	40 45	74 21	180	0A	9A	9A		COMMONWEALTH WTR CO
CANTON	1343	SALEM	2	3D 26	73 25	20		9A			GERTRUDE S. WILLIS
CAPE MAY 5 W	1531	CAPE MAY	1	38 56	74 57	17	3P	3P		C	NAWEST MAGNESITE CO
CEDAR GROVE	1472	ESSEX	8	40 52	74 15	400		8A			J. A. PLUNKETT
CENTERTON	1312	SALEM	8	39 31	73 10	80				C	JOHN HOPKINS UNI.
CHARLOTTEBURG	1582	PASSAIC	8	41 03	74 26	76D	TA	7A		N	NEWARK WATER DEPT
CHATHAM	1300	MORRIS	8	40 44	74 23	183		8A			EDWARD P. MOLITOR
CHATSWORTH 5 S	1308	BURLINGTON	1	39 44	74 32	0D	5P	5P			INACTIVE 5/58
CLAYTON	1708	GLOUCESTER	8	39 39	73 06	120	6P	6P		N	HARRY P. CAMPBELL
CLINTON	1740	HUNTERDON	10	40 38	74 35	300		6P			L. W. KLOCKNER
DEEPWATER	2200	SALEM	2	3D 41	73 30	12		MID			DU PONT DE NEMOURS
ELIZABETH	2400	UNION	1	40 40	74 14	35	3P	5P			UNION CO PARK COMM
ELIZABETHPORT	2652	UNION	8	40 38	74 12	30		MID		C	SEWAGE TREATMENT PL
ESSEX FELLS SERV BLDG	2768	ESSEX	8	40 50	74 18	250	8A	8A		C	BOROUGH ESSEX FELLS
FLEMINGTON 1 NE	3020	HUNTERDON	10	40 31	74 51	134	5P	3P		H	DONALD YOUNG
FORTESCUE	3102	CUMBERLAND	2	39 14	75 10	5		7A			JOHN LOPER
FREEHOLD	3181	MONMOUTH	10	40 13	74 17	104	6P	6P		C N	FRANK J. MOREAU
GLASSBORO	3201	GLOUCESTER	2	39 42	73 07	150				C	PROF. J. B. SANGREE
GREAT MEADOWS 4 N	3410	WARREN	2	40 56	74 33	540				C	GAMMA CHEMICAL CORP.
GREENWOOD LAKE	3516	PASSAIC	8	41 00	74 20	660		7A			GEORGE T. WIGGINS
HACKENSACK	3372	BERGEN	4	40 53	74 03	10				C	BERGEN COUNTY ENGS
HAMMONTON 2 NNE	3662	ATLANTIC	T	39 39	74 48	83	8A	8A			W. HUBBARD PARKHURST
HIGH POINT PARK	3035	SUSSEX	2	41 18	74 40	1570	8A	8A			N. J. DEPT. OF CONS.
HIGHTSTOWN 1 N	3951	MERCER	10	40 16	74 31	100	8P	8P		H	JAMES R. PICKERING
HIGHTSTOWN PUMPING STA	3056	MERCER	10	40 17	74 32	75				C	DEPT WATER + SEWAGE
INDIAN MILLS 2 W	4220	BURLINGTON	7	39 48	74 47	100	7P	7P		H	EDWARD ENTWISTLE
IRVINGTON	4280	ESSEX	1	40 43	74 13	120		MID		C	JOINT MEETING GARAGE
JERSEY CITY	4550	HUDSON	1	40 44	74 04	135	MID	MID			JERSEY CITY WTR DEPT
LAMBERTVILLE	4653	HUNTERDON	2	40 22	74 57	75	6P	6P		H	E. S. CASE
LAURELTON 1 E	4700	OCEAN	1	40 04	74 07	20	MID	MID		C H	GEORGE G. WADDILL
LAYTON 5 NW	4735	SUSSEX	2	41 15	74 51	480	6P	6P		N	A. N. DEPUE
LEESBURG STATE FARM	4762	CUMBERLAND	8	39 14	74 58	10	4P	4P			LEESBURG STATE FARM
LITTLE FALLS 1 E	4887	PASSAIC	8	40 55	74 14	187	0A	0A		C H	PASSAIC VLY WTR COMM
LONG BRANCH	4087	MONMOUTH	1	40 18	73 50	34	MID	MID		C HJ	STORM WARN. DSPL STA
LONG VALLEY	5003	MORRIS	10	40 48	74 48	660	6P	6P		H	ARTHUR BARKMAN
LUMBERTON	5033	BURLINGTON	2	3D 58	74 46	25				C	JAMES LAWTON
MACOPIN INTAKE	3071	PASSAIC	8	41 01	74 24	584		0A			NEWARK WATER DEPT
MAHWAH	5104	BERGEN	8	41 06	74 10	235		7A			ROBERT L. HANSSON
MANVILLE	3107	SOMERSET	10	40 35	74 34	50		MID			JOHN L. RADCLIFFE
MARLBORO SCS	5244	MONMOUTH	1	40 20	74 14	120				C	GERROW BRILL

STATION	INDEX NO.	COUNTY	DRAINAGE ‡	LATITUDE	LONGITUDE	ELEVATION	OBSERVATION TIME AND TABLES: TEMP.	PRECIP.	EVAP.	SPECIAL (SEE NOTES)	OBSERVER
MARLTON 1 W	3292	BURLINGTON	2	50 54	74 37	90		6P			DAVID GRISCOM
MAYS LANDING	3346	ATLANTIC	3	39 27	74 44	30		5P		M	ELMER EARLE
MIDLAND PARK	5503	BERGEN	1	40 5D	74 00	210		MID			RIDGEWOOD WATER CO.
MILLVILLE	5576	CUMBERLAND	8	50 24	75 03	60	8A	8A		C H	L. J. GALLAHER
MILTON	3307	MORRIS	8	41 01	74 32	D30		7A			JERSEY CITY WTR WKS
MOORESTOWN	5728	BURLINGTON	2	39 58	74 56	53	MID	8A		M	H. J. WILLARD
MORRIS PLAINS	5760	MORRIS	8	40 30	74 30	500	8A	8A		M	JAMES C. LONG
NEWARK WB AIRPORT	6026	ESSEX	1	40 42	74 10	11	MID	MID		C HJ	U.S. WEATHER BUREAU
NEW BRUNSWICK EXP STA	6062	MIDDLESEX	10	40 28	74 26	80	5P	5P		GH	ARTHUR H. AHLQUIST
NEW MILFORD	6146	BERGEN	4	40 57	74 02	12		MID		C	MACKENSACK WATER CO
NEWTON	6177	SUSSEX	2	41 03	74 45	563	8A	8A		C H	NEWTON WTR SWR COMM
OAK RIDGE RESERVOIR	6460	PASSAIC	8	41 02	74 30	870		8A			NEWARK WATER DEPT
OLDWICK	6544	HUNTERDON	10	40 40	74 43	260		8A			DAN A. COUGHLIN
ORANGE	6560	ESSEX	8	40 47	74 14	140		MID		C	COUNTY ENGINEER
PATERSON	6775	PASSAIC	8	40 35	74 00	100	8A	8A		H	P. J. DEL VECCHIO
PEMBERTON 3 E	6843	BURLINGTON	2	39 58	74 38	60	5P	5P		H	CHARLES A. DOEHLERT
PHILLIPSBURG	6074	WARREN	2	40 41	75 12	182	3P	3P		H	SEWAGE DISPOSAL PLT
PHILLIPSBURG BRIDGE	6070	WARREN	2	40 42	75 12	106		9A			JOINT TOLL BRDGE COM
PLAINFIELD	7070	UNION	10	40 36	74 25	120	8P	8P		N	NRS VIVIAN SCHERER
PLEASANT RUN	T125	HUNTERDON	10	40 34	74 48	140		7A			JOHN H. BERRYMAN
PRINCETON WATER WORKS	7328	MERCER	10	40 1D	74 40	90		MID			PRINCETON WATER CO
RAHWAY	7305	UNION	9	40 56	74 13	20		MID		C H	RAHWAY VLY SWG AUTH
RIDGEFIELD	7545	BERGEN	4	40 50	74 01	80	MID	MID		H	GEORGE P. KIRSTEN
RINGWOOD	7567	PASSAIC	8	41 08	74 16	305		10A			NO JERSEY WTR SUPPLY
SANDY HOOK LBSTA	786D	MONMOUTH	1	40 28	74 01	22	7P	7P			U. S. COAST GUARD
SHILOH	8031	CUMBERLAND	2	39 28	75 18	120	5P	5P			EVERETT DICKINSON
SOMERVILLE	8104	SOMERSET	10	40 34	74 37	75	6P	6P		N	W. E. MAYER
SPLIT ROCK POND	8402	MORRIS	8	40 38	74 28	800		10A			JERSEY CITY D P W
SPRINGFIELD	8423	UNION	1	40 45	74 18	-				C	N.J. DEPT OF CONS
SUSSEX 3 N	8644	SUSSEX	3	41 14	74 33	550	7A	7A			BRICE B. STANTON
SWEDESBORO 5 NW	8685	GLOUCESTER	2	39 47	73 24	10		12N			SUN OIL CO
TOMS RIVER	8816	OCEAN	1	50 37	74 14	10		5P			ROBERT F. SNYDER
TRANQUILITY 2 W	8838	WARREN	2	40 37	74 50	531				C	H. J. ERVEY
TRENTON 2	8878	MERCER	2	40 14	74 46	105	MID	MID			E. H. RISTOW
# TRENTON WB CITY	8885	MERCER	2	40 13	74 46	56	MID	MID		C HJ	U.S. WEATHER BUREAU
TUCKERTON	8800	OCEAN	1	39 36	74 20	10	6P	8P			REV EDWARD D. MEGILL
VINELAND	D155	CUMBERLAND	8	30 20	75 00	110		8A			STATE HOME FOR WOMEN
WANAQUE RAYMOND DAM	0187	PASSAIC	8	41 03	74 18	320		8A		C H	WATER SUPPLY COMM
WATCHUNG	0271	UNION	8	40 40	74 23	-				C	BONNIE BURN SAN.
WEST5VILLE	0365	HUNTERDON	10	40 27	74 48	160		7A			ROBERT M. MANNERS
# WEST7FIELD	9453	UNION	0	40 30	74 21	138		5P		C	CITY ENGINEER
WOODCLIFF LAKE	0E32	BERGEN	4	41 01	74 03	103		MID		C	HACKENSACK WATER CO
WOODSTOWN	0910	SALEM	2	3D 3D	75 10	50	5P	5P			CREAN VALLEY DAIRY
CLOSED STATIONS											
PLEASANT VILLE 1 N	7131	ATLANTIC	1	39 25	74 31	8	8A	8A	8A		CLOSED 7/58
RUNYON	7E25	MIDDLESEX	1	40 26	74 20	1E	6P	6P	6P		CLOSED 6/58
COMBINED STATIONS											
BRIDGETON 1 NE	1028	CUMBERLAND	2	39 28	75 12	114	0A	0A			COMBINED WITH STA 8051

‡ 1-COASTAL; 2-DELAWARE; 3-GREAT EGG HARBOR; 4-HACKENSACK; 5-HUDSON; 6-MAURICE; 7-MULLICA; 8-PASSAIC; 9-RAHWAY; 10-RARITAN; 11-ROCKAWAY

REFERENCE NOTES

Additional information regarding the climate of New Jersey may be obtained by writing to the State Climatologist at Weather Bureau Office, c/o General Delivery, Trenton, New Jersey or to any Weather Bureau Office near you.

Figures and letters following the station name, such as 12 SSW, indicate distance in miles and direction from the post office.

Delayed data and corrections will be carried only in the June and December issue of this bulletin.

Monthly and seasonal snowfall and heating degree for the preceding 12 months will be carried in the June issue of this bulletin.

Stations appearing in the Index, but for which data are not listed in the tables, either are missing or were received too late to be included in this issue.

Divisions, as used in "Climatological Data: Table and on the maps, became effective with data for September 1956.

Unless otherwise indicated, dimensional units used in this bulletin are: Temperature in °F, precipitation and evaporation in inches and wind movement in miles. Monthly degree day totals are the sums of the negative departures of average daily temperatures from 65° F.

Evaporation is measured in the standard Weather Bureau type pan of 4 foot diameter unless otherwise shown by footnote following the "Evaporation and Wind" Table. Max and Min in "Evaporation and Wind" Table refer to extremes of temperature of water in pan as recorded during 24 hours ending at time of observation.

Long-term means for full-time stations (those shown in the Station Index as "D. S. Weather Bureau") are based on the period 1921-1950, adjusted to represent observations taken at the present location. Long-term means for all stations except full-time Weather Bureau stations are based on the period 1931-1955.

Water equivalent values published in the "Snowfall and Snow on Ground" Table are the water equivalent of snow, sleet, or ice on the ground. Samples for obtaining measurements are taken from different points for successive observations; consequently occasional drifting and other causes of local variability in the snowpack may result in apparent inconsistencies in the record.

Entries of snowfall in the "Climatological Data" Table and the "Snowfall and Snow on Ground" Table, and in the "Seasonal Snowfall" Table include snow and sleet. Entries of snow on ground include snow, sleet and ice.

Data in the "Daily Precipitation" Table; "Daily Temperature" Table; and "Evaporation and Wind" Table, and snowfall in the "Snowfall and Snow on Ground" Table, when published, are for the 24 hours ending at time of observation. The Station Index shows observation times in local standard time. During the summer months some observers take the observations on daylight saving time.

Snow on ground in the "Snowfall and Snow on Ground" Table is at observation time for all except Weather Bureau and CAA stations. For these stations snow on ground values are at 7:00 a.m., E.S.T.

No record in the "Climatological Data" Table and the "Daily Temperature" Table is indicated by no entry.

Interpolated values for monthly precipitation totals may be found in the annual issue of this publication.

- No record in the "Daily Precipitation" Table; "Evaporation and Wind" Table; "Snowfall and Snow on Ground" Table; and the Station Index.
+ And also on an earlier date or dates.
++ Fastest observed one minute wind speed. This stations is not equipped with automatic wind instruments.
* Amount included in following measurement, time distribution unknown.
Thermometers are generally exposed in a shelter located a few feet above sod-covered ground; however, the reference indicates that the thermometers are exposed in a shelter located on the roof of a building.
// Gage is equipped with a windshield.
AR This entry in time of observation column in Station Index means after rain.
AM Data based on observations one day ending before noon.
B Adjusted to a full month.
D Water equivalent of snowfall wholly or partly estimated, using a ratio of 1 inch water equivalent to every 10 inches of new snowfall.
M One or more days of record missing; if average value is entered, less than 10 days record is missing. See "Daily Temperature" Table for detailed daily record. Degree day data, if carried for this station, have been adjusted to represent the value for a full month.
S Amounts from recording gage. (These amounts are essentially accurate but may vary slightly from the amounts to be published later in Hourly Precipitation Data.)
SS This entry in time of observation column in Station Index means observation made near sunset.
T Trace, an amount too small to measure.
V Includes total for previous month.
X Observation time is 1:00 a.m., E.S.T. of the following day.
WAR This entry in time of observation column in Station Index means variable.

In the Station Index the letters C, G, H, and J in the "Special" column under the heading "Observation Time and Tables", indicate the following:

C Weighing Rain Gage Recording Station. Hourly precipitation values are processed for special purposes, and are published later in "Hourly Precipitation Data" Bulletin.
G "Soil Temperature" Table.
H "Snowfall and Snow on Ground" Table. Omission of data in any month indicates no snowfall and/or snow on ground in that month.
J "Supplemental Data" Table.

Information concerning the history of changes in locations, elevations, exposure etc. of substations through 1955 may be found in the publication "Substation History" for this state. That publication may be obtained from the Superintendent of Documents, Government Printing Office, Washington 25, D. C. for 15 cents. Similar information for regular Weather Bureau stations may be found in the latest annual issue of Local Climatological Data for the respective stations, obtained as indicated above, price 15 cents.

General weather conditions in the U. S. for each month are described in the publications MONTHLY WEATHER REVIEW and the monthly CLIMATOLOGICAL DATA, NATIONAL SUMMARY, either of which may be obtained from the Superintendent of Documents, Government Printing Office, Washington 25, D. C.

Subscription Price: 20 cents per copy, monthly and annual; $2.50 per year. (Yearly subscription includes the Annual Summary). Checks, and money orders should be made payable to the Superintendent of Documents. Remittance and correspondence regarding subscriptions should be sent to the Superintendent of Documents, Government Printing Office, Washington 25, D. C.

USCOMM-WB-Asheville, N. C. --- 9/5/58 --- 750

1.05
NNJ
p.1

U. S. DEPARTMENT OF COMMERCE
SINCLAIR WEEKS, Secretary
WEATHER BUREAU
F. W. REICHELDERFER, Chief

CLIMATOLOGICAL DATA

NEW JERSEY

THE LIBRARY OF THE
OCT 28 1958
UNIVERSITY OF ILLINOIS

AUGUST 1958
Volume LXIII No. 8



ASHEVILLE: 1958

NEW JERSEY - AUGUST 1958

TEMPERATURE AND PRECIPITATION EXTREMES

Highest Temperature: 95° on the 1st at Hammonton 2 NNE

Lowest Temperature: 43° on the 20th at Charlotteburg

Greatest Total Precipitation: 11.34 inches at Cape May 3 W

Least Total Precipitation: 2.24 inches at Irvington

Greatest One-Day Precipitation: 5.75 inches on the 25th at Belleplain

SPECIAL WEATHER SUMMARY

The heavy rainfall in August over the southern counties further accentuated the vast difference in growing-season rainfall of the 1957 and 1958 seasons. The average rainfall in the southern division in August 1958 was 7.83 inches, compared to 2.08 inches in August 1957. The total rainfall for the period May through August 1958 was 22.62 inches, compared with 6.22 inches for the same period in 1957.

A severe windstorm struck the area of Cologne, Atlantic County, at 11:25 a.m. EST, on the 25th. Some roofs were blown off, with damage to a chicken house, a garage and other buildings. Several trees in a grove were uprooted; one tree was not uprooted, but was broken off about ten inches above the ground, with a piece of metal lodged in the stump. All of these trees were about eight inches in diameter. The storm moved in a northeasterly direction.

Donald V. Dunlap, State Climatologis
U. S. Weather Bureau
Trenton, New Jersey

CLIMATOLOGICAL DATA

NEW JERSEY
AUGUST 1958

Station		Temperature									No. of Days				Precipitation				Snow, Sleet			No. of Days		
		Average Maximum	Average Minimum	Average	Departure From Long Term Means	Highest	Date	Lowest	Date	Degree Days	Max 90° or Above	Max 32° or Below	Min. 32° or Below	Min. 0° or Below	Total	Departure From Long Term Means	Greatest Day	Date	Total	Max Depth on Ground	Date	.10 or More	.50 or More	1.00 or More
NORTHERN																								
BELVIDERE		85.1	61.5	73.3	.6	93	21	50	20+	1	7	0	0	0	3.14	- 2.02	1.17	25	.0	0		5	3	2
BOONTON 2 SE	AM	81.7	59.7	70.7	- .1	88	16	48	20	9	0	0	0	0	3.02	- 1.94	.75	13	.0	0		7	3	0
CANOE BROOK	AM	81.9	60.6	71.3	.2	89	16+	47	19	8	0	0	0	0	3.43	- 1.99	1.06	26	.0	0		7	3	1
CHARLOTTEBURG	AM	80.4	55.5	68.0	- 1.4	87	8	43	20	30	0	0	0	0	4.42	- .56	.95	25	.0	0		9	4	0
ELIZABETH		84.0	61.7	72.9	- 1.3	93	8+	51	19	0	6	0	0	0	3.88	- 1.13	1.56	25	.0	0		4	2	2
ESSEX FELLS SERV BLDG	AM	81.4	59.5	70.5		91	16	48	20	4	1	0	0	0	2.28		.74	26	.0	0		5	3	0
FLEMINGTON 1 NE		84.2	60.5	72.4	- 1.2	91	1	46	19	2	5	0	0	0	3.23	- 2.10	1.02	25	.0	0		7	2	1
HIGH POINT PARK	AM	77.8M	57.9M	67.9M		87	8	48	27+	29	0	0	0	0	5.25		1.82	22	.0	0		10	3	1
JERSEY CITY		80.2	65.5	72.9	- 1.1	90	15+	57	19	1	2	0	0	0	2.68	- 1.82	1.81	25	.0	0		5	1	1
LAMBERTVILLE		84.1	62.3	73.2	.3	91	15	48	19	1	2	0	0	0	3.60	- 1.78	1.62	25	.0	0		6	3	1
LAYTON 3 NW		83.5	57.0	70.3	.6	94	8	44	19	8	4	0	0	0	3.15	- 1.40	.93	25	.0	0		8	3	0
LITTLE FALLS 1 E	AM	84.8	61.7	73.3	.5	91	22+	50	19	2	8	0	0	0	2.98	- 2.29	.87	25	.0	0		8	2	0
LONG VALLEY		81.0	59.0	70.0		88	15+	44	19	11	0	0	0	0	2.77	- 2.54	1.08	25	.0	0		6	2	1
MORRIS PLAINS	AM	81.7	60.1	70.9		89	1	46	19	8	0	0	0	0	3.48		.95	13	.0	0		8	3	0
NEWARK WB AIRPORT	R	83.8	66.0	74.9	1.8	93	15+	54	19	0	6	0	0	0	2.39	- 1.80	1.56	25	.0	0		6	1	1
NEWTON	AM	80.8	57.7	69.3	- .9	89	22+	45	20	27	0	0	0	0	3.28	- 1.38	.63	13	.0	0		10	2	0
PATERSON	AM	84.3	63.8	74.1	.5	93	8	55	20+	0	7	0	0	0	3.41	- 1.63	.77	26	.0	0		9	2	0
PHILLIPSBURG		84.7	63.1	73.9	1.6	92	1	48	19	2	3	0	0	0	4.26	- 1.05	2.28	1	.0	0		6	2	1
PLAINFIELD		82.9	62.7	72.8	- .3	91	15	48	19	2	2	0	0	0	3.19	- 2.21	1.56	25	.0	0		6	2	1
RIDGEFIELD		83.3	64.0	73.7	.7	91	15+	53	19	1	4	0	0	0	2.53	- 2.20	1.50	25	.0	0		6	1	1
SOMERVILLE		83.1	62.2	72.7	- .1	90	15+	50	20	0	2	0	0	0	2.65	- 2.76	1.38	25	.0	0		5	2	1
SUSSEX 3 N	//AM	81.4	57.4	69.4	- 1.8	89	8	48	20	18	0	0	0	0	4.04	- .83	.79	11	.0	0		11	3	0
DIVISION				71.7	- .4										3.32	- 1.75			.0					
SOUTHERN																								
AUDUBON		83.5	64.1	73.8		92	15	53	19	0	3	0	0	0	7.80		2.17	25	.0	0		10	5	2
BELLEPLAIN		82.4M	64.2M	73.3M		92	1	47	19	3	2	0	0	0	10.40	4.52	5.75	25	.0	0		7	5	2
BURLINGTON		84.9	64.9	74.9	- .6	94	15+	55	19	0	4	0	0	0	7.37	2.78	2.00	25	.0	0		9	4	3
CLAYTON		82.3	64.9	73.6		90	15	53	19	0	1	0	0	0	11.33		3.48	25	.0	0		8	7	6
FREEHOLD		82.9	62.9	72.9	- .2	91	15	51	19	0	2	0	0	0	3.50	- 1.50	2.05	25	.0	0		7	2	1
HAMMONTON 2 NNE	AM	84.7M	62.2M	73.5M	- .7	95	1	50	19	2	4	0	0	0	8.77	2.82	3.18	26	.0	0		8	6	3
HIGHTSTOWN 1 N		81.8	62.7	72.3	- .5	91	15	50	19	1	2	0	0	0	3.86	- .91	1.77	25	.0	0		6	2	1
INDIAN MILLS 2 W		82.3	61.9	72.1	- .8	91	15	48	19	4	2	0	0	0	11.28	5.67	4.16	25	.0	0		10	6	3
† LAURELTON 1 E		81.5	61.2	71.4	- 1.1	92	15	49	19	4	2	0	0	0	3.58	- 1.56	1.35	15	.0	0		7	2	1
LEESBURG STATE FARM		82.3	65.2	73.8		90	15+	54	23	0	2	0	0	0	10.71		4.66	25	.0	0		6	5	4
MILLVILLE		83.1	65.0	74.1		93	1	53	19	0	3	0	0	0	9.29		5.26	25	.0	0		7	5	2
MOORESTOWN		81.5	63.0	72.3	- .8	90	15	51	19	1	1	0	0	0	8.09	3.16	1.85	15	.0	0				
NEW BRUNSWICK EXP STA		83.1	62.9	73.0	- .1	90	15+	51	19	0	2	0	0	0	3.27	- 1.51	1.98	25	.0	0		5	1	1
PEMBERTON 3 E		83.2	61.5	72.4	- 1.6	90	15	48	19	1	1	0	0	0	10.80	5.87	2.96	25	.0	0		9	6	5
SHILOH		83.0	64.5	73.8	- .9	91	15	52	19	1	1	0	0	0	7.63	2.53	4.25	25	.0	0		5	4	2
TRENTON 2		82.7	63.4	73.1		92	7	52	19	0	2	0	0	0	5.33	- .26	2.37	25	.0	0		8	3	1
TRENTON WB CITY	R	81.7	65.5	73.6	.4	91	15	55	19	0	2	0	0	0	4.59	.00	2.40	25	.0	0		9	1	1
TUCKERTON																								
WOODSTOWN		84.7M	64.2M	74.5M		92	16+	51	19	0	4	0	0	0	9.17		2.50	1	.0	0		7	6	4
DIVISION				73.4	- .1										7.83	2.63			.0					
COASTAL																								
ATLANTIC CITY WB AP		80.8	64.8	72.8	- .1	91	15	52	19	1	1	0	0	0	9.48	4.90	4.33	25	.0	0		9	4	3
ATLANTIC CITY WB	R	78.5	68.0	73.3	.2	89	10	56	19	0	0	0	0	0	9.53	4.81	5.00	25	.0	0		7	4	2
CAPE MAY 3 W		80.9M	66.2M	73.6M		88	15	55	20+	0	0	0	0	0	11.34		4.30	25	.0	0		7	4	4
LONG BRANCH		80.9	64.2	72.6	- .2	92	15	52	19	0	2	0	0	0	5.11	- .26	2.81	25	.0	0		9	1	1
SANDY HOOK LBSTA																								
DIVISION				73.1	- .5										8.87	3.96			.0					

† DATA RECEIVED TOO LATE TO BE INCLUDED IN DIVISION AVERAGES

SUPPLEMENTAL DATA

Station	Wind direction		Wind speed m. p. h.				Relative humidity averages - percent				Number of days with precipitation							Percent of possible sunshine	Average sky cover sunrise to sunset
	Prevailing	Percent of time from prevailing	Average	Fastest mile	Direction of fastest mile	Date of fastest mile	1:00 a EST	7:00 a EST	1:00 p EST	7:00 p EST	Trace	.01-.09	.10-.49	.50-.99	1.00-1.99	2.00 and over	Total		
ATLANTIC CITY WB AIRPORT	S	17	9.8	-	-	-	91	90	83	79	3	4	5	1	1	2	16	-	8.1
LONG BRANCH	SW	15	12.5	38	NW	21	-	84	88Ø	64	2	4	8	0	0	1	15	64	5.6
NEWARK WB AIRPORT	SSW	22	9.2	27++	SSW	25	82	81	54	87	9	3	5	0	1	0	18	-	5.7
TRENTON WB CITY	-	-	7.7	27	W	25	-	-	-	-	3	2	8	0	0	1	14	58	5.8

Ø 12:00 Noon

See Reference Notes Following Station Index

DAILY PRECIPITATION

NEW JERSEY
AUGUST 1958

Station	Total	Day of month																													
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
ATLANTIC CITY W 8 AP	9.48	.01		T					T			.08	.20	.63	.03	.24	1.05	T					.14		2.18	4.33	.32		.18	.09		
ATLANTIC CITY W8 R	9.53				T							T	.30	.37	.16	.04	.84								2.18	8.00	.50		.08	.06		
AUDUBON	7.60			T								.77	1.46	.07	.33	.38	.33	.96					.85		.33	2.17			T	.13		
BASS RIVER ST FOREST	9.58	1.99	.04									.19		.64	.02	1.64	*	.53				.12				4.01		.22		.16		
BELLEPLAIN	10.40	.74												.90	.21		.36								1.81	5.75	.68		.06			
BELMAR		RECORD MISSING																													
BELVIDERE	3.14												T	1.06			.16	.18					.57		T	1.17						
BERLIN 1 W		RECORD MISSING																													
BLACKWELLS MILLS	3.60	.12	T		.03					.20				.71		.03	.51	.07	.05				.13			.58	1.16			.03		
BOONTON 2 SE	3.02	.37								T		.02					.19	.17	.13				.08			.61	.72					
BOUND BROOK 1 W	3.08	.09			.01									.50	T		.44	T	.24				.09	T		.60	1.11	T				
BRANCHVILLE	2.72	.20							.31			.24		.15			.67	T	.03				.48			.47	.22					
BURLINGTON	7.37	.05											1.90	.70	.20	.16	.46	1.33					.42		.14	2.00	T			.01		
CANISTEAR RESERVOIR	3.58	.27							.05	.01		.84		.41			.38	.17	.08				.43			.64	.32					
CANOE BROOK	3.43	.70			.02					.12				.72	T		.20	.02	.10				.06			.40	1.06			.03		
CANTON	7.31	.11			T								.14	1.33	.04		.74						.08		.93	1.39	2.55					
CAPE MAY 3 W	11.34	.19											3.25	.28											1.27	4.30	1.75	.02	.25	.02	.01	
CEDAR GROVE	2.89	.40								.05				.45			.13	.26	.08				.08			.62	.82					
CHARLOTTEBURG	4.42	.31								.07		.84		.79			.20	.13	.62				.23			.95	.46					
CHATHAM	2.83	.52	T		T									.54			.17	.02	.14				.07			.44	.93					
CLAYTON	11.33	1.19			.06							T	.29	1.07		1.63	1.61	T					1.21		.71	3.46	.05		T	.03		
CLINTON	2.80	.36											.22	.32			.16	.10					.60			1.04						
DEEPWATER	6.75			.03								.04	.69	.84	.97	.39	.26						1.01		.40	2.10						
ELIZABETH	3.88	1.21			.02					.08		.07	.01	.47			.35	.05					.05		.01	1.56						
ELIZABETHPORT	2.70	.01		.01	.01				.10				.07	.30		.09	.41					T	.03		T	1.67			T			
ESSEX FELLS SERV BLDG	2.28	.34										.55						T	T				.10			.55	.74					
FLEMINGTON 1 NE	3.23	.49			T					.14			.04	.78	T		.35	.27					.11		.03	1.02	T			T		
FORTESCUE	9.10	.17										.22	.08	2.00	.17	.09	.17						.60		1.57	2.30	2.25	.30				
FREEHOLD	3.50	.06										.04	.69	.26		.15	.50	.04					.19		.12	2.05	.10		T	.03		
GREENWOOD LAKE	3.58	.19								.12		.28		.21			.39	.09	.71				.32	T		.87	.40					
HAMMONTON 2 NNE	8.77	.54												.88		.06	1.50		.15						.51	1.68	3.18	.09		.18		
HIGH POINT PARK	5.25	.26							.28	.18		.84		.03			.26	.19	.49				1.82			.76	.12					
HIGHTSTOWN 1 N	3.86	.04										T	.07	.26	.21		.67	.39					.36		.09	1.77			T			
INDIAN MILLS 2 W	11.28	1.73			T							1.19	.03	.60	.24	.05	1.61	.60					.46		.42	4.16			T	.19		
IRVINGTON	2.24	.01							.10				.24	.07	T	.07	.14	.10				.10			.06	1.35						T
JERSEY CITY	2.68	T		.01	T				.20		T	.18				.30	.15	T							.04	1.81			.01	.01		
LAMBERTVILLE	3.60	.15			.02								.01	.74	.03		.61	.27					.12		.03	1.62						
LAURELTON 1 E	3.58	.04								T		T		.41		1.35	.77	.02					.17				.16		.47	.19		
LAYTON 3 NW	3.15	.13						.13	.23			.50		.03		.05	.20	.75	.13				.05		.02	.93						
LEESBURG STATE FARM	10.71	.78												1.14	.05	.01	.36								1.89	4.66	1.69	.04		.09		
LITTLE FALLS 1 E	2.98	.30								.01		.09		.37			.17	.10	.19				.11			.87	.77					
LONG BRANCH	5.11	.04			T				.30				.12	.10	.06	.48	.44	.37					.11		.03	2.81	.01		.24			T
LONG VALLEY	2.77											.15	.78	.22			.18	.04					.28			1.08	.02					.02
MACOPIN INTAKE	4.99	.26								.08		.61		1.00			.19	.15	.79				.25			1.12	.54					
MAHWAH	4.47	.24								.13		.83		.35			.42	.24	.53				.25			.90	.58			T		
MANVILLE	3.19								.02					.48	.02		.55	.20				.08	.02		.02	1.80						
MARLTON 1 W	7.57	.02										.25		1.79		.16	.83	1.08					.90		.30	2.10				.14		
MAYS LANDING	9.00	.54											.10	1.12	.10	.07									3.50	3.14	.15	.10	.10	.03	.05	
MIDLAND PARK	3.89							.14			.77		.13	.26		.44	.41					.31			.22	1.21						
MILLVILLE	9.29	.02										.02	.91	1.06		.06	.86						.03		.71	5.26	.22			.14		
MILTON	4.13	.52							.15			.10		.99		.18	.20	.21					.26			1.10	.40					
MOORESTOWN	8.09	.74		T						.04			.05	1.40	.03	1.85	*	*	1.49				.31		*	1.13	.94			.11		
MORRIS PLAINS	3.48	.66			T					.21		T		.95	T		.23	.10	.01				.18			.43	.71			T		T
NEWARK W8 AIRPORT R	2.39	T		T	T				.13		T	T	.17	.17	T	.14	.18	T				.01	.01		.02	1.56			T			T
NEW BRUNSWICK EXP STA	3.27	.05			T				.14				T	.40	T	T	.38	.05					.25		.02	1.98			T			
NEW MILFORD	4.31								.40		.78	.02	.06	.13		.12	.28	1.12				.02	.02			1.36						
NEWTON	3.28	.39							.03	.12		.12		.63			.33	.10	.11				.46			.60	.39					
OAK RIDGE RESERVOIR	4.60	.51								.17		.27		.97			.19	.22	.48				.36			.99	.44					
OLDWICK	4.29	1.63												.77	T		.14	.03					.33			.27	1.07			.05		
ORANGE	4.07	1.34			.01				.48					.41					.18				.04			1.20	.36			.05		
PATERSON	3.41	.29								.15		.49		.24			.14	.22	.30				.06			.75	.77			T		
PEMBERTON 3 E	10.80	2.31												1.38		.11	1.79	1.26	.04				.59		.19	2.96	.14		.02	.02		
PHILLIPSBURG	4.26	2.28										T		.37			.15	.15					.33			.98						
PHILLIPSBURG BRIDGE	5.02	2.35												.57				.43					.46			.73	.48					
PLAINFIELD	3.19				.01			T					.38	.33	T		.55	.15					.21		T	1.56			T			
PLEASANT RUN	2.58									.11				.79	T		.27	.02	.15				.07			.48	.67					.04
PRINCETON WATER WORKS	3.71	T		T									.43	.20		.08	.11	.44				.03	.30		.08	1.98					.06
RAHWAY	3.06			T	T				.09				.08	.32	T	.05	.39	.17				T	.05		.02	1.88			T			.01
RIDGEFIELD	2.53	.05		.02					.21		.35	.03	.10	.10		T	.11	.04					.01		.01	1.50			T			
RINGWOOD	4.22	.20								.14		.36		.48			.47	.11	.94				.16	T		.94	.42					
SANDY HOOK LBSTA		RECORD MISSING																													
SHILOH	7.63	.08			T							.08	.08	1.63	T		.54	T					.06		.71	4.25	.20		T			
SOMERVILLE	2.65	.14			T								.14	.51	T		.31	.08					.09		T	1.38						
SPLIT ROCK PONO	3.13											.15		.68			.11	.08	.18				.14			1.14	.65					
SUSSEX 3N //	4.04	.30							.33	.23		.79		.10			.57	.14	.30				.62			.43	.23					
SWEDESBORO 5 NW	7.49	.06			.01							T	.10	.71	.02	.83	1.84	T	.33				1.15	.02	.31	2.02	.09					
TUMS RIVER	8.51	.88															2.29	.14					.82			3.64	.45		.08	.21		
TRENTON 2	5.33	.07		T									.56	.31	.18	.09	.45	.68					.49		.13	2.37			T			
TRENTON W8 CITY R	4.59	.05		T									.35	.16	.19	.14	.44	.47				.02	.27		.10	2.40			T	T		
TUCKERTON		RECORD MISSING																													
VINELAND	8.47	.15			T								.22	1.23	.13	.02	1.32	T					.18		.52	1.61	2.89	.09		.11		
WANAQUE RAYMOND DAM	4.55	.16								.04		.54		.48			.24	.58	1.03				.15			.75	.58					
WERTSVILLE	3.78	.18	.03		.02									.67	T	.01	.47	.08	.05				.30		.02	1.03	.90	.01		.01		
WESTFIELD	2.70							.12					.38	.20			.29					.21				1.50			T			
WOODCLIFF LAKE		RECORD MISSING																													
WOODSTOWN	9.17	2.50			.04					.06		.01	.01	1.54	.01	.61	.46	.05					1.04		.57	2.20	.08		T	.01		

See Reference Notes Following Station Index

DAILY TEMPERATURES

Station		Day Of Month																													Average
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
ATLANTIC CITY W8 AP	MAX	79	81	81	84	83	84	89	86	81	89	81	81	81	82	91	75	78	77	76	80	86	83	78	79	75	69	75	69	84	83	82	80.8
	MIN	66	61	61	67	66	63	69	73	65	64	70	69	69	73	69	63	61	58	52	37	66	66	61	67	69	64	61	63	63	64	67	64.8
ATLANTIC CITY W8	MAX	77	79	77	83	79	79	80	86	83	89	79	79	79	79	83	73	75	79	77	76	78	85	76	78	75	70	73	69	83	76	76	78.5
	MIN	71	67	68	70	70	69	74	75	68	69	72	72	70	72	70	63	63	62	36	63	71	69	63	69	68	64	64	66	65	69	70	68.0
AUDUBON	MAX	82	86	83	87	84	88	90	87	84	91	88	86	82	83	92	82	78	77	80	83	89	81	80	77	76	73	77	71	89	88	89	83.5
	MIN	66	60	61	63	68	64	69	73	62	64	70	68	67	71	71	64	63	60	33	55	64	65	59	63	67	62	38	62	63	61	69	64.1
BELLEPLAIN	MAX	92	84	81	80	83		88	87	84	88	85	82	80	80	90	87	80	79	77	83	88	81	80	81	79	72	76	73	84	84	83	82.4
	MIN	73	60	59	59	64	61		74	64	62	72	68	68	73	71	66	60	63	47	60	63	66	59	64	68	64	60	61	64	62	69	64.2
BELVIDERE	MAX	85	84	83	89	89	89	91	90	85	86	86	85	90	88	90	84	83	87	81	83	93	83	87	75	73	74	80	75	88	90	91	85.1
	MIN	65	61	61	63	62	64	66	70	57	61	68	63	66	70	65	63	62	63	50	50	65	65	53	55	67	39	51	33	61	57	63	61.5
BOONTON 2 SE	MAX	87	84	84	83	86	86	83	87	83	81	85	87	81	83	83	88	83	78	72	76	80	86	80	78	76	72	74	78	72	87	83	81.7
	MIN	63	57	58	64	64	58	61	69	56	58	65	62	68	68	72	63	62	59	49	48	33	63	54	58	64	59	54	33	36	35	37	39.7
BURLINGTON	MAX	94	86	85	89	88	88	92	88	89	93	88	86	82	86	94	86	77	77	78	82	89	86	80	76	76	75	79	76	89	89	89	84.9
	MIN	68	62	64	63	63	65	69	74	60	60	73	64	66	74	70	69	65	62	53	37	65	66	61	64	67	64	59	62	64	63	70	64.9
CANOE BROOK	MAX	88	89	85	83	87	86	85	89	84	82	87	86	78	83	87	89	81	78	72	77	82	88	80	78	76	70	72	77	70	82	88	81.9
	MIN	66	60	59	63	60	37	66	71	53	60	66	63	67	68	72	64	61	57	47	31	57	64	32	39	66	62	54	34	39	36	62	60.6
CAPE MAY 3 W	MAX	80	82	79	81	82	84	84	87	86	83	86	84	84	78	88		80	78	78	79	80	81	80	81	78	70	77	73	81	83	79	80.9
	MIN	68	63	61	67	68	68	70	72	72	72	72	68	68	69	68		62	64	55	33	66	67	63	68	67	63	62	63	63	66	69	66.2
CHARLOTTEBURG	MAX	83	83	84	82	85	83	84	87	82	79	84	84	78	84	83	86	80	76	69	75	79	86	79	76	73	70	71	77	72	84	83	80.4
	MIN	62	52	34	61	38	55	60	64	54	56	64	37	63	61	70	61	57	32	46	43	47	62	50	54	38	58	50	45	47	30	51	33.5
CLAYTON	MAX	89	83	84	84	85	85	89	88	81	87	84	83	80	82	90	84	79	77	77	81	87	80	79	80	76	71	76	73	85	83	86	82.3
	MIN	69	62	61	64	63	62	69	73	64	67	72	68	68	72	72	64	63	60	33	65	68	64	39	62	68	62	39	68	63	60	69	64.9
ELIZABETH	MAX	83	82	85	90	89	87	93	93	84	83	87	80	82	87	91	83	76	78	80	85	90	85	83	79	73	73	79	74	88	89	90	84.0
	MIN	66	61	62	66	67	62	62	68	58	56	61	68	67	70	70	60	59	36	31	53	62	62	53	57	60	63	64	61	64	60	63	61.7
ESSEX FELLS SERV BLDG	MAX	89	82	82	84	86	82	84	88	84	80	88	84	80	80	83	91	80	81	80	81	82	88	80	78	76	70	72	76	71	80	82	81.4
	MIN	67	60	61	62	62	60	62	63	58	60	63	63	62	63	65	61	62	60	32	48	56	60	60	62	34	56	36	55	36	58	56	59.3
FLEMINGTON 1 NE	MAX	91	89	86	86	87	86	90	85	81	87	88	83	84	87	90	84	82	78	79	82	88	83	82	78	75	78	78	75	89	90	90	84.2
	MIN	66	37	37	63	62	38	64	68	57	62	65	63	67	68	70	64	59	55	46	48	62	64	52	60	67	60	54	54	87	54	64	60.3
FREEHOLD	MAX	89	84	82	86	83	83	90	88	85	88	85	82	81	85	91	89	77	74	78	83	88	86	79	73	73	71	76	75	85	87	88	82.9
	MIN	67	60	62	65	64	63	67	71	39	60	68	67	66	70	70	63	39	60	51	34	62	65	36	63	66	62	37	39	63	61	69	62.9
HAMMONTON 2 NNE	MAX	93	82	86	82	88	87	88	92	88	84	90	85	87		83		92	83	78	79	84	89	89	82	82	82	72	80	69	86	89	84.7
	MIN		68	61	62	63	65	63	68	62	64	64	71	72			65	63	58	30	54	36	58	56	63	39	63	67	38	39	64	61	62.2
HIGH POINT PARK	MAX	71	77	83	82	83		84	87	81	77	81	81	75	83	84	85	75	78	68	73	77	84	75	74	69	68	68	71	69	84	84	77.8
	MIN	60	59	61	39	61		63	63	52	36	63	62	64	66	66	58	58	49	48	33	60	60	31	33	38	55	48	54	56	56	63	57.9
HIGHTSTOWN 1 N	MAX	80	83	81	88	83	86	90	86	82	88	83	80	81	83	91	81	74	73	78	83	87	81	80	73	75	72	75	70	86	87	89	81.8
	MIN	67	38	61	64	64	61	68	72	59	62	68	65	67	71	70	63	62	38	30	54	63	63	33	60	67	62	36	59	63	61	69	62.7
INDIAN MILLS 2 W	MAX	82	83	82	87	86	87	90	87	82	89	84	83	80	81	91	79	80	76	78	82	88	80	80	76	75	72	78	69	86	88	88	82.3
	MIN	68	56	57	64	63	60	68	72	58	62	69	66	67	69	70	63	60	56	48	31	61	64	54	62	67	63	37	37	63	58	66	61.9
JERSEY CITY	MAX	80	81	80	88	83	80	90	85	82	84	82	76	81	85	90	78	73	74	77	79	86	80	77	74	73	71	76	68	85	83	82	80.2
	MIN	66	63	66	67	66	66	71	69	63	67	68	68	67	72	71	63	63	61	37	60	66	68	62	68	70	63	39	59	62	67	70	63.3
LAMBERTVILLE	MAX	86	86	83	88	86	87	89	88	84	90	87	84	83	85	91	88	80	77	80	83	89	86	82	78	75	74	78	76	88	88	88	84.1
	MIN	68	59	62	62	61	60	69	73	58	61	68	66	67	71	70	64	62	58	48	32	64	65	54	62	68	61	54	35	65	37	67	62.3
LAURELTON 1 E	MAX	80	83	81	89	82	83	91	88	84	89	83	79	84	85	92	75	77	78	80	80	88	84	77	75	75	68	75	65	87	85	83	81.5
	MIN	61	58	60	66	62	59	67	67	59	61	66	63	67	70	66	61	58	51	49	52	62	60	54	62	67	60	57	61	64	60	66	61.2
LAYTON 3 NW	MAX	80	86	80	88	87	87	90	94	82	88	87	82	87	88	93	83	83	79	78	83	91	82	78	72	74	72	78	76	88	87	84	83.5
	MIN	61	55	54	56	54	57	60	63	51	54	64	54	55	65	66	60	60	52	44	46	62	62	50	34	62	58	60	52	56	61	60	57.0
LEESBURG STATE FARM	MAX	90	80	77	81	82	84	83	87	84	87	87	83	81	80	90	89	76	79	79	79	83	83	83	82	82	73	75	77	86	83	84	82.3
	MIN	69	59	68	65	66	66	77	76	63	66	71	69	68	71	71	63	59	57	57	64	65	65	54	64	68	64	58	59	63	69	68	65.2
LITTLE FALLS 1 E	MAX	88	87	87	86	90	90	88	91	87	85	90	90	83	86	89	91	85	80	76	82	84	91	83	81	80	72	74	80	73	90	89	84.8
	MIN	66	62	60	66	64	60	64	71	57	64	57	63	68	70	72	64	64	58	50	52	62	64	56	61	68	60	56	54	64	57	60	61.7
LONG BRANCH	MAX	80	83	82	88	83	82	90	86	80	89	82	80	83	87	92	75	75	74	77	80	86	80	78	75	76	69	74	67	87	85	84	80.9
	MIN	68	61	62	67	70	64	69	67	62	63	68	69	67	71	69	64	62	35	32	57	63	65	60	66	67	63	60	63	63	63	67	64.2
LONG VALLEY	MAX	80	83	81	86	85	84	88	84	80	85	83	80	83	84	88	84	77	74	77	80	87	80	78	73	70	72	76	72	85	86	87	81.0
	MIN	64	55	56	62	60	60	61	67	57	58	66	61	66	68	70	66	58	56	44	45	62	62	51	56	62	56	56	49	63	51	60	59.0
MILLVILLE	MAX	93	81	83	81	85	86	87	90	88	87	89	81	86	80	81	92	88	80	80	77	82	87	83	80	82	73	70	79	70	85	87	83.1
	MIN	71	63	62	66	66	66	69	74	67	66	72	69	69	71	72	65	62	61	53	56	61	66	61	64	65	64	59	61	64	61	68	65.0
MOORESTOWN	MAX	81	85	80	86	83	85	89	86	82	89	85	82	81	82	90	80	76	75	78	81	87	80	80	75	70	71	76	89	86	86	87	81.5
	MIN	63	60	63	65	66	62	70	68	60	65	72	68	68	71	68	63	63	55	51	53	64	62	56	64	65	59	58	59	62	81	67	83.0
MORRIS PLAINS	MAX	89	86	84	81	88	86	85	88	84	82	85	85	79	83	85	87	81	77	74	77	81	86	82	80	73	71	73	78	70	88	85	81.7
	MIN	65	57	38	65	64	57	63	68	55	58	66	62	66	67	70	63	61	56	46	48	39	62	55	58	66	61	53	52	61	54	64	60.1
NEWARK W8 AIRPORT	MAX	84	87	85	90	86	86	93	88	85	89	84	80	86	88	93	79	77	73	80	84	90	83	82	77	76	74	78	70	88	90	91	83.8
	MIN	70	66	65	68	68	66	70	70	65	66	72	71	70	72	69	63	64	60	54	58	67	67	64	67	68	64	62	61	64	64	69	66.0
NEW BRUNSWICK EXP STA	MAX	86	85	83	87	87	84	90	89	85	88	86	84	82	85	90	88	78	74	78	81	87	85	80	76	75	73	75	75	86	86	87	83.1
	MIN	66	60	61	65	65	61	69	71	60	61	68	67	67	70	70	62	61	58	31	53	64	64	56	61	66	67	57	59	63	59	68	62.9
NEWTON	MAX	80	83	85	83	86	86	86	89	84	81	87	83	81	85	85	88	80	75	70	71	82	89	79	76	74	71	70	71	73	86	87	80.8
	MIN	63	55	37	61	55	60	63	66	35	59	65	57	65	68	70	62	38	55	47	45	53	64	49	56	62	58	50	47	53	52	55	57.7
PATERSON	MAX	88	84	88	90	91	89	90	93	84	84	89	88	82	85	90	92	80	80	76	79	85	91	83	82	78	71	74	79	72	87	87	84.3
	MIN	66	61	63	67	65	69	69	73	60	64	63	67	69	72	72	64	64	61	55	55	60	65	38	63	67	61	58	57	60	61	68	63.8
PEMBERTON 3 E	MAX	88	85	81	87	86	86	89	87	84	89	85	83	81	83	90	86	77	78	80	85	87	86	80	76	76	73	77	73	87	88	88	83.2
	MIN	67	57	38	64	63	60	67	71	59	60	68	65	67	69	71	63	58	56	48	52	61	64	54	62	61	62	54	59	63	59	66	61.3
PHILLIPSBURG	MAX	92	86	86	86	87	86	89	90	85	85	89	85	84	85	88	89	82	81	77	82	90	86	82	80	74	79	77	79	87	89	88	84.7
	MIN	71	62	65	62	62	63	66	70	58	61	67	65	63	67	72	68	60	37	48	50	71	68	62	62	67	58	58	54	69	65	63	63.1
PLAINFIELD	MAX	84	86	84	88	87	86	90	86	83	87	86	81	83	86	91	82	77	76	79	83	88	82	81	77	69	74	79	70	88	88	89	82.9
	MIN	65	59	61	63	65	60	67	71	37	63	68	66	68	70	71	63	62	60	48	52	64	65	54	61	68	61	57	58	64	66	66	62.7
RIDGEFIELD	MAX	85	86	86	89	89	89	91	88	82	86	86	80	84	88	91	81	78	76	77	84	90	81	83	80	69	71	79	70	85	89	90	83.3
	MIN	66	62	65	68	66	63	70	73	59	65	68	68	69	73	71	64	64	36	53	54	67	62	56	63	68	61	58	58	64	62	69	64.0
SANDY HOOK L8STA	MAX																																
	MIN																																

See Reference Notes Following Station Index

DAILY TEMPERATURES

Station		Day Of Month																													Average
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
SHILOH	MAX	88	84	79	85	86	83	89	89	82	88	86	84	79	82	91	89	79	78	76	81	87	82	80	83	82	72	78	75	85	85	85	83.0
	MIN	69	62	62	64	64	64	70	73	62	64	71	67	68	72	72	64	63	62	52	60	66	65	59	62	67	62	57	60	64	62	69	64.5
SOMERVILLE	MAX	84	86	82	87	86	85	90	85	83	87	85	81	83	87	90	84	78	75	79	83	89	84	82	78	74	74	78	74	87	89	88	83.1
	MIN	67	59	60	64	62	59	67	72	57	60	68	66	69	70	72	64	62	58	52	50	62	65	56	61	68	61	55	57	64	56	65	62.2
SUSSEX 3 N	MAX	77	84	86	85	87	86	87	89	84	80	87	83	80	85	87	88	80	80	70	76	80	88	78	77	75	71	70	77	75	85	86	81.4
	MIN	63	57	57	61	56	58	65	66	55	57	64	56	60	68	69	62	59	56	51	48	50	63	50	51	59	59	49	49	50	55	56	57.4
TRENTON 2	MAX	84	86	84	87	87	87	92	86	82	89	85	83	82	84	91	79	75	75	78	83	88	80	80	75	75	75	78	72	85	88	89	82.7
	MIN	67	60	64	64	65	64	69	72	62	63	70	67	66	70	69	62	63	58	52	56	65	64	57	61	66	61	57	59	63	61	69	63.4
TRENTON W8 CITY	MAX	81	86	81	87	85	86	90	85	82	88	85	82	81	82	91	78	74	74	78	81	88	80	80	75	76	73	75	70	86	87	87	81.7
	MIN	68	64	66	65	67	66	70	74	65	65	72	67	69	72	68	63	64	60	55	60	67	67	61	63	68	64	59	60	64	65	71	65.5
TUCKERTON	MAX																																
	MIN																																
WOODSTOWN	MAX	91	85	81		86	87	90	89	84	88	87	85	82	85	92	92		83	79	82	88	85	81	81	83	74	78	75	87	87	88	84.7
	MIN	69	60	61		64	64	69	74	63	64	71	67	69	72	71	65		61	51	59	63	65	58	63	67	62	58	60	65	59	68	64.2

EVAPORATION AND WIND

Station		Day of month																													Total or Avg.
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
ATLANTIC CITY WB AIRPORT	EVAP	-	-	-	-	-	-	-	.21	.33	.28	.13	.11	.22	-	-	-	.20	.34	.25	.27	.14	.32	.24	.25	-	-	.17	.08	.08	.24	.23	-
	WIND	-	-	-	-	-	-	-	55	92	46	26	36	52	*	107	90	52	101	48	50	85	91	44	57	84	50	45	39	188	58	154	-
CANOE BROOK	EVAP	.10	.20	.20	.03	.16	.18	.14	.16	.06	.07	.26	.13	.08	.08	.09	.21	.10	.14	.21	.14	.16	.19	.18	.18	.04	-	.10	.17	.04	.21	.16	B4.27
	WIND	9	5	5	3	4	6	4	7	14	9	33	7	19	11	14	21	11	12	44	20	14	29	20	20	27	8	17	15	43	21	13	485

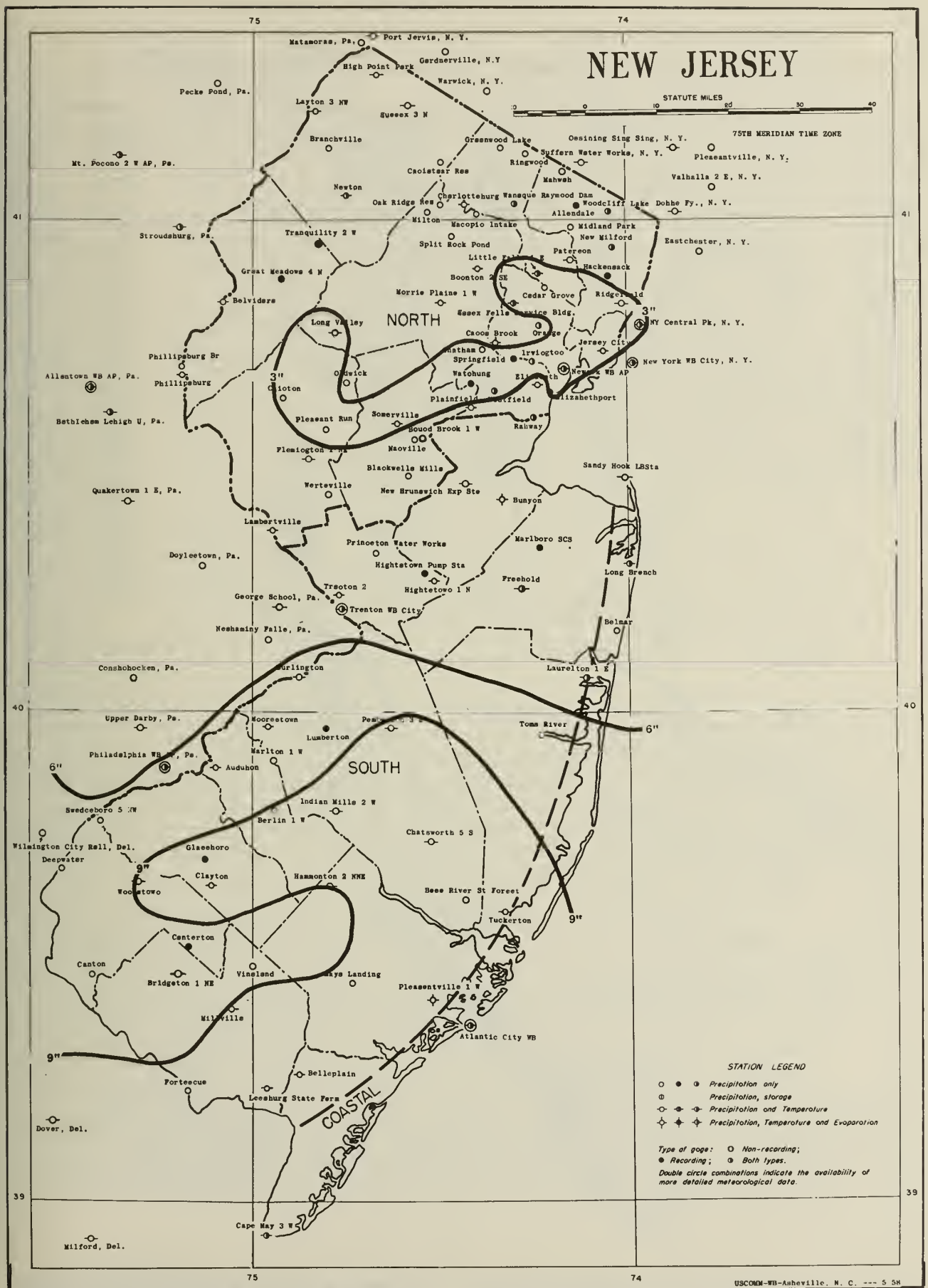
DAILY SOIL TEMPERATURES

Station And Depth		Day of month																													Average
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
NEW BRUNSWICK EXP STATION																															
MEASURED UNDER SOD																															
1 INCH	MAX	87	93	88	95	92	92	92	98	83	96	91	83	85	94	103	86	83	94	89	93	86	82	84	75	78	75	78	72	82	82	83	88.9
	MIN	73	70	71	73	72	70	74	75	69	68	71	72	72	75	74	71	69	64	62	61	69	70	71	70	70	70	67	68	72	68	73	70.2
2 INCHES	MAX	83	86	82	86	88	84	85	85	86	82	82	78	79	82	87	79	77	81	78	80	81	80	81	73	73	73	75	70	80	79	82	80.6
	MIN	75	72	73	74	74	72	75	75	71	70	73	73	73	76	75	73	71	68	66	65	70	71	71	70	70	70	67	68	72	89	73	76.5
4 INCHES	MAX	82	84	81	84	85	83	84	84	83	81	81	77	78	81	86	79	77	80	77	79	81	80	80	73	72	73	75	70	79	78	82	79.8
	MIN	74	72	72	73	74	72	75	76	72	71	74	74	73	76	75	73	72	69	67	66	70	71	71	70	70	70	70	67	68	72	69	73	71.7
8 INCHES	MAX	78	78	77	78	78	78	79	79	78	77	77	76	77	77	79	76	75	75	73	74	75	76	75	73	72	72	73	71	74	74	75	75.8
	MIN	76	76	72	74	76	74	75	77	74	73	74	74	74	74	75	75	73	72	89	69	71	73	71	71	71	71	69	70	69	70	72	72.7
16 INCHES	MAX	75	75	74	74	75	75	76	76	75	75	74	74	74	75	75	75	75	74	72	72	73	73	73	72	72	71	71	71	71	72	73	73.8
	MIN	75	74	74	74	74	74	74	75	75	74	73	73	73	73	74	74	73	72	71	70	71	72	71	71	71	71	70	70	89	70	71	72.5
32 INCHES	MAX	71	72	71	71	71	72	72	72	72	72	72	72	72	72	72	72	73	73	72	71	71	71	71	71	71	70	70	70	70	70	70	71.4
	MIN	71	71	71	71	71	71	71	71	72	72	71	72	72	71	71	72	72	72	71	70	70	70	70	70	70	70	69	70	69	89	69	70.8

Measured under Kentucky Bluegrass. Inetrumentation: Copper-conetantan Thermocouples connected to a Brown Electronik Potentiometer.

See Reference Notes Following Station Index

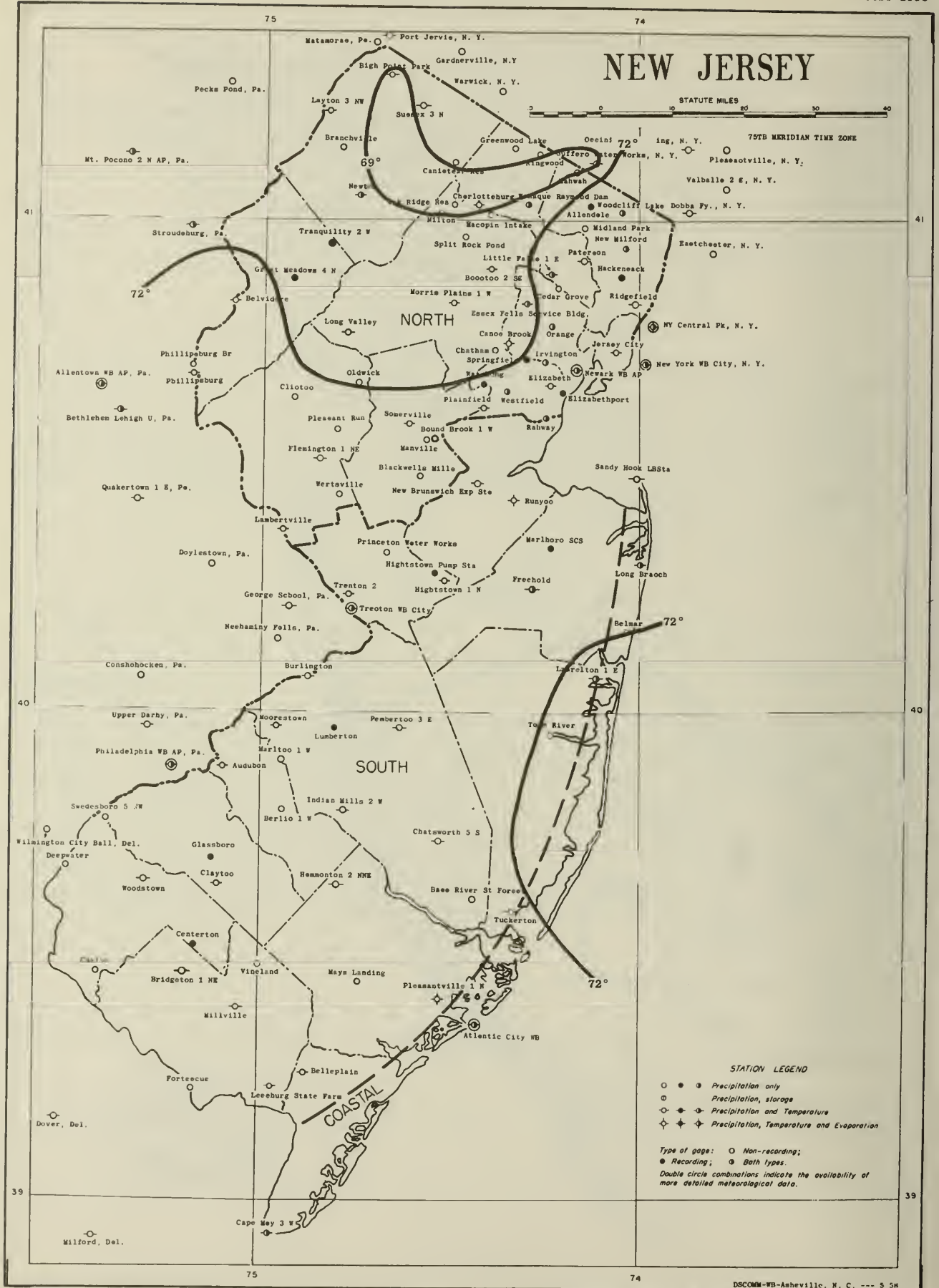
TOTAL PRECIPITATION



Isolines are drawn through points of approximately equal values. Hourly precipitation data from recorder substations will be available in the publication "Hourly Precipitation Data".

AVERAGE TEMPERATURE

NEW JERSEY
AUGUST 1958



Isolines are drawn through points of approximately equal values. Hourly precipitation data from recorder substations will be available in the publication "Hourly Precipitation Data".

STATION INDEX

STATION	INDEX NO.	COUNTY	DRAINAGE ‡	LATITUDE	LONGITUDE	ELEVATION	OBSERVATION TIME AND TABLES: TEMP.	PRECIP.	EVAP.	SPECIAL (SEE NOTES)	OBSERVER
ALLENDALE	0100	BERGEN	8	41 02	74 08	270				C	BERGEN COUNTY ENGS
ATLANTIC CITY WB AP	0511	ATLANTIC	1	39 27	74 35	70	MID	MID		C MJ	U.S. WEATHER BUREAU
* ATLANTIC CITY WB	0525	ATLANTIC	1	39 22	74 25	6	MID	MID		C MJ	U.S. WEATHER BUREAU
AUDUBON	0346	CAMDEN	2	39 54	75 04	50	11P	11P			IRVIN J. NYGREN
BASS RIVER ST FOREST	0526	BURLINGTON	1	39 37	74 26	20		6P		N	N.Y. FORESTRY SVC
BELLEPLAIN	0600	CAPE MAY	1	39 16	74 52	40	5P	5P			NRS. ED C. HOFFMAN
BELMAR	0721	MONMOUTH	1	40 10	74 02	10		NID			CITY WATER DEPT
BELVIDERE	0729	WARREN	2	40 5D	75 05	280	5P	5P		N	NISS C. S. NIXSON
BERLIN 1 W	0787	CAMDEN	7	39 48	74 57	150		7A			SAMUEL N. MC CULLEY
BLACKWELLS MILLS	0847	SOMERSET	10	40 29	74 55	27		7A			HENRY N. MILLER
BOONTON 2 SE	0007	MORRIS	8	40 54	74 24	280	8A	8A			JERSEY CITY WTR WKS
BOUND BROOK 1 W	0027	SOMERSET	10	40 35	74 53	20		8A			AMERICAN CYANAMID CO
BRANCHVILLE	0078	SUSSEX	2	41 D9	74 45	570		7A			ALBERT N. DAVENPORT
BURLINGTON	1211	BURLINGTON	2	40 04	74 55	12	0P	0P			PUBLIC SVC E + G CO
CANISTEAR RESERVOIR	1527	SUSSEX	8	41 07	74 30	1040		0A			NEWARK WATER DEPT
CAMDE BROOK	1335	ESSEX	8	40 45	74 21	100	9A	0A	0A		COMMONWEALTH WTR CO
CANTON	1545	SALEM	2	39 20	75 29	20		0A			GERTRUDE S. WILLIS
CAPE MAY 3 W	1551	CAPE MAY	1	38 56	74 57	17	5P	5P		C	N.WEST NAGNESITE CO
CEDAR GROVE	1472	ESSEX	8	40 52	74 13	400		0A			J. A. PLUNKETT
CENTERTON	1512	SALEM	8	39 31	75 10	80				C	JOHN HOPKINS UNI.
CHARLOTTEBURG	1582	PASSAIC	8	41 03	74 20	780	7A	7A		N	NEWARK WATER DEPT
CHATHAM	1590	MORRIS	8	40 44	74 23	185		8A		C	EDWARD P. HOLITOR
CHATSWORTH 5 S	1598	BURLINGTON	1	30 44	74 52	00	5P	5P			INACTIVE 5/58
CLAYTON	1708	GLOUCESTER	8	39 39	75 06	120	0P	6P		N	NARRY P. CAMPBELL
CLINTON	1740	HUNTERDON	1D	40 38	74 55	300		6P			L. W. KLOCKNER
DEEPWATER	2209	SALEM	2	39 41	75 30	12		NIO			DU PONT DE NEMOURS
ELIZABETH	2844	UNION	1	40 40	74 14	33	5P	5P			UNION CO PARK COMM
ELIZABETHPORT	2652	UNION	8	40 30	74 12	30		NIO		C	SEWAGE TREATMENT PL
ESSEX FELLS SERV BLDG	2788	ESSEX	8	40 50	74 18	250	8A	8A		C	BOROUGH ESSEX FELLS
FLEMINGTON 1 NE	3029	HUNTERDON	10	40 31	74 51	134	5P	5P		N	DONALD YOUNG
FORTESCUE	3102	CUMBERLAND	2	39 14	75 10	5		7A			JOHN LOPER
FREEHOLD	3161	MONMOUTH	10	40 15	74 17	194	0P	6P		C M	FRANK J. NOREAU
GLASSBORO	3291	GLOUCESTER	2	39 42	75 07	150				C	PROF. J. B. SANGREE
GREAT MEADOWS 4 N	3416	WARREN	2	40 56	74 55	540				C	GAMMA CHEMICAL CORP.
GREENWOOD LAKE	3516	PASSAIC	8	41 09	74 20	660		7A			GEORGE T. WIGGINS
HACKENSACK	3572	BERGEN	4	40 53	74 03	10				C	BERGEN COUNTY ENGS
HAMMONTON 2 NNE	3662	ATLANTIC	7	39 30	74 48	85	8A	8A			W. HUBBARD PARKHURST
HIGH POINT PARK	3935	SUSSEX	2	41 18	74 40	1570	8A	8A			N. J. DEPT. OF CONS.
HIGHTSTOWN 1 N	3951	MERCER	10	40 16	74 31	100	8P	8P		N	JAMES R. PICKERING
HIGHTSTOWN PUMPING STA	3956	MERCER	10	40 17	74 32	75				C	DEPT WATER + SEWAGE
INDIAN MILLS 2 W	4220	BURLINGTON	7	39 48	74 47	100	7P	7P		N	EDWARD ENTWISTLE
IRVINGTON	4280	ESSEX	1	40 43	74 15	120		NID		C	JOINT MEETING GARAGE
JERSEY CITY	4330	NUOSON	1	40 44	74 04	135	MID	NID			JERSEY CITY WTR DEPT
LAMBERTVILLE	4635	HUNTERDON	2	40 22	74 57	75	6P	6P		N	E. E. CASE
LAUREL TON 1 E	4700	OCEAN	1	40 DA	74 07	20	NID	MIO		C N	GEORGE G. WADDILL
LAYTON 3 NW	4735	SUSSEX	2	41 15	74 51	480	6P	6P		N	A. M. DEPUE
LEESBURG STATE FARM	4762	CUMBERLAND	6	39 14	74 58	10	4P	4P			LEESBURG STATE FARM
LITTLE FALLS 1 E	4887	PASSAIC	8	40 53	74 14	157	9A	9A		C M	PASSAIC VLY WTR COMN
LONG BRANCH	4967	MONMOUTH	1	40 16	73 59	34	NIO	MIO		C NJ	STORM WARN. DSPL STA
LONG VALLEY	5003	MORRIS	10	40 48	74 46	660	6P	6P		M	ARTHUR BARKMAN
LUMBERTON	5055	BURLINGTON	2	39 58	74 48	25				C	JAMES LAWTON
MACOPIN INTAKE	5071	PASSAIC	8	41 01	74 24	564		9A			NEWARK WATER DEPT
MAHWAH	5104	BERGEN	8	41 06	74 10	253		7A			ROBERT G. GLASGOW
MANVILLE	5197	SOMERSET	10	40 33	74 34	50		NID			JOHN L. RADCLIFFE
MARLBORO SCS	5244	MONMOUTH	1	40 20	74 14	120				C	GEROW BRILL

STATION	INDEX NO.	COUNTY	DRAINAGE ‡	LATITUDE	LONGITUDE	ELEVATION	OBSERVATION TIME AND TABLES: TEMP.	PRECIP.	EVAP.	SPECIAL (SEE NOTES)	OBSERVER
MARLTON 1 W	5252	BURLINGTON	2	39 54	74 57	00		6P			
MAYS LANDING	5346	ATLANTIC	3	39 27	74 44	50		5P		H	ELMER EARLE
MIDLAND PARK	5503	BERGEN	1	40 59	74 09	210		NID			RIDGEWOOD WATER CO.
MILLVILLE	5576	CUMBERLAND	0	39 24	75 03	60	8A	8A		C N	L. J. GALLAHER
MILTON	5507	MORRIS	8	41 01	74 32	950		7A			JERSEY CITY WTR WKS
MOORESTOWN	5728	BURLINGTON	2	39 58	74 58	55	MIO	8A		N	N. J. WILLARD
NORRIS PLAINS	5760	MORRIS	0	40 50	74 30	500	8A	8A		N	JAMES C. LONG
NEWARK WB AIRPORT	6026	ESSEX	1	40 42	74 10	11	NIO	NIO		C NJ	U. S. WEATHER BUREAU
NEW BRUNSWICK EXP STA	6062	MIDDLESEX	10	40 28	74 26	80	5P	5P		GN	ARTHUR N. AHLQUIST
NEW MILFORD	6146	BERGEN	4	40 57	74 02	12		NID		C	NACKENSACK WATER CO
NEWTON	6177	SUSSEX	2	41 03	74 45	565	8A	8A		C N	NEWTON WTR SWR COMM
OAK RIDGE RESERVOIR	6460	PASSAIC	0	41 02	74 30	870		8A			NEWARK WATER DEPT
OLDWICK	6544	HUNTEROON	10	40 40	74 45	260		8A			DAN A. COUGHLIN
ORANGE	6560	ESSEX	8	40 47	74 14	140		NIO		C	COUNTY ENGINEER
PATERSON	6775	PASSAIC	0	40 55	74 09	100	8A	8A		H	P. J. OEL VECCNIO
PEMBERTON 3 E	6843	BURLINGTON	2	39 58	74 38	60	5P	5P		H	CHARLES A. DOEHLERT
PHILLIPSBURG	6074	WARREN	2	40 41	75 12	182	3P	3P		H	SEWAGE DISPOSAL PLT
PHILLIPSBURG BRIDGE	6070	WARREN	2	40 42	75 12	106		9A			JOINT TOLL BRDGE COM
PLAINFIELD	70T0	UNION	10	40 36	74 25	120	8P	8P		N	NRS VIVIAN SCHERER
PLEASANT RUN	7123	HUNTEROON	10	40 34	74 48	140		7A			JOHN H. BERRYMAN
PRINCETON WATER WORKS	7328	MERCER	10	40 19	74 40	00		NIO			PRINCETON WATER CO
RAHWAY	7303	UNION	9	40 36	74 15	20		NIO		C N	RAHWAY VLY SWG AUTH
RIDGEFIELD	7545	BERGEN	4	40 50	74 01	80	NIO	NID		N	GEORGE P. KIRSTEN
RINGWOOD	7587	PASSAIC	8	41 08	74 16	305		10A			NO JERSEY WTR SUPPLY
SANDY HOOK LBSTA	7809	MONMOUTH	1	40 28	74 01	22	7P	7P			U. S. COAST GUARD
SHILOH	8051	CUNBERLAND	2	39 28	75 18	120	5P	5P			EVERETT DICKINSON
SOMERVILLE	8104	SOMERSET	10	40 34	74 37	75	6P	6P		N	W. E. HAVER
SPLIT ROCK POND	8402	MORRIS	8	40 58	74 28	8D0		10A			JERSEY CITY O P W
SPRINGFIELD	8423	UNION	1	40 43	74 18	-				C	N.J. DEPT OF CONS
SUSSEX 3 N	8644	SUSSEX	5	41 14	74 35	530	7A	7A			BRICE B. STANTON
SWEDESBORO 5 NW	8685	GLOUCESTER	2	39 47	75 24	10		12N			SUN OIL CO
TOMS RIVER	0816	OCEAN	1	39 57	74 14	10		5P			ROBERT F. SNYDER
TRANQUILITY 2 W	8858	WARREN	2	40 57	74 50	551				C	N. J. ERVEY
TRENTON 2	8878	MERCER	2	40 14	74 46	105	NID	NID			E. N. RISTOW
* TRENTON WB CITY	8883	MERCER	2	40 13	74 46	96	NIO	NIO		C NJ	U.S. WEATHER BUREAU
TUCKERTON	8890	OCEAN	1	30 36	74 20	10	6P	6P			REV EDWARD D. NEGILL
VINELAND	9135	CUMBERLAND	6	30 29	75 00	110		8A			STATE HOME FOR WOMEN
WANAQUE RAYMOND DAM	9187	PASSAIC	8	41 03	74 18	320		8A		C N	WATER SUPPLY COMM
WATCHUNG	0271	UNION	8	40 40	74 25	-				C	BONNIE BURN SAN.
WERTSVILLE	9363	HUNTERDON	10	40 27	74 48	160		7A			ROBERT N. MANNERS
* WESTFIELD	0455	UNION	9	40 39	74 21	138		5P		C	CITY ENGINEER
WOODCLIFF LAKE	9832	BERGEN	4	41 01	74 03	103		NID		C	NACKENSACK WATER CO
WOODSTOWN	9010	SALEM	2	30 30	75 10	90	5P	5P			CREAM VALLEY DAIRY

‡ 1-COASTAL; 2-DELAWARE; 3-GREAT EGG HARBOR; 4-HACKENSACK; 5-HUDSON; 6-MAURICE; 7-MULLICA; 8-PASSAIC; 9-RAHWAY; 10-RARITAN; 11-ROCKAWAY

REFERENCE NOTES

Additional information regarding the climate of New Jersey may be obtained by writing to the State Climatologist at Weather Bureau Office, c/o General Delivery, Trenton, New Jersey or to any Weather Bureau Office near you.

Figures and letters following the station name, such as 12 SSW, indicate distance in miles and direction from the post office.

Delayed data and corrections will be carried only in the June and December issues of this bulletin.

Monthly and seasonal snowfall and heating degree for the preceding 12 months will be carried in the June issue of this bulletin.

Stations appearing in the Index, but for which data are not listed in the tables, either are missing or were received too late to be included in this issue.

Divisions, as used in "Climatological Data: Table and on the maps, became effective with data for September 1958.

Unless otherwise indicated, dimensional units used in this bulletin are: Temperature in °F, precipitation and evaporation in inches and wind movement in miles. Monthly degree day totals are the sums of the negative departures of average daily temperatures from 65° F.

Evaporation is measured in the standard Weather Bureau type pan of 4 foot diameter unless otherwise shown by footnote following the "Evaporation and Wind" Table. Max and Min in "Evaporation and Wind" Table refer to extremes of temperature of water in pan as recorded during 24 hours ending at time of observation.

Long-term means for full-time stations (those shown in the Station Index as "U. S. Weather Bureau") are based on the period 1921-1950, adjusted to represent observations taken at the present location. Long-term means for all stations except full-time Weather Bureau stations are based on the period 1931-1955.

Water equivalent values published in the "Snowfall and Snow on Ground" Table are the water equivalent of snow, sleet, or ice on the ground. Samples for obtaining measurements are taken from different points for successive observations; consequently occasional drifting and other causes of local variability in the snowpack may result in apparent inconsistencies in the record.

Entries of snowfall in the "Climatological Data" Table and the "Snowfall and Snow on Ground" Table, and in the "Seasonal Snowfall" Table include snow and sleet. Entries of snow on ground include snow, sleet and ice.

Data in the "Daily Precipitation" Table; "Daily Temperature" Table; and "Evaporation and Wind" Table, and snowfall in the "Snowfall and Snow on Ground" Table, when published, are for the 24 hours ending at time of observation. The Station Index shows observation times in local standard time. During the summer months some observers take the observations on daylight saving time.

Snow on ground in the "Snowfall and Snow on Ground" Table is at observation time for all except Weather Bureau and CAA stations. For these stations snow on ground values are at 7:DD a.m., E.S.T.

No record in the "Climatological Data" Table and the "Daily Temperature" Table is indicated by no entry.

Interpolated values for monthly precipitation totals may be found in the annual issue of this publication.

- No record in the "Daily Precipitation" Table; "Evaporation and Wind" Table; "Snowfall and Snow on Ground" Table; and the Station Index.
+ And also on an earlier date or dates.
++ Fastest observed one minute wind speed. This station is not equipped with automatic wind instruments.
* Amount included in following measurement, time distribution unknown.
Thermometers are generally exposed in a shelter located a few feet above sod-covered ground; however, the reference indicates that the thermometers are exposed in a shelter located on the roof of a building.
// Gage is equipped with a windshield.
AR This entry in time of observation column in Station Index means after rain.
AM Data based on observational day ending before noon.
B Adjusted to a full month.
D Water equivalent of snowfall wholly or partly estimated, using a ratio of 1 inch water equivalent to every 10 inches of new snowfall.
M One or more days of record missing; if average value is entered, less than 10 days record is missing. See "Daily Temperature" Table for detailed daily record. Degree day data, if carried for this station, have been adjusted to represent the value for a full month.
g Amounts from recording gage. (These amounts are essentially accurate but may vary slightly from the amounts to be published later in Hourly Precipitation Data.)
BS This entry in time of observation column in Station Index means observation made near sunset.
T Trace, an amount too small to measure.
V Includes total for previous month.
6 Observation time is 1:DD a.m., E.S.T. of the following day.
WAR This entry in time of observation column in Station Index means variable.

In the Station Index the letters C, G, H, and J in the "Special" column under the heading "Observation Time and Tables", indicate the following:

C Weighing Rain Gage Recording Station. Hourly precipitation values are processed for special purposes, and are published later in "Hourly Precipitation Data" Bulletin.
O "Soil Temperature" Table.
H "Snowfall and Snow on Ground" Table. Omission of data in any month indicates no snowfall and/or snow on ground in that month.
J "Supplemental Data" Table.

Information concerning the history of changes in locations, elevations, exposure etc. of substations through 1956 may be found in the publication "Substation History" for this state. That publication may be obtained from the Superintendent of Documents, Government Printing Office, Washington 25, D. C. for 15 cents. Similar information for regular Weather Bureau stations may be found in the latest annual issue of Local Climatological Data for the respective stations, obtained as indicated above, price 15 cents.

General weather conditions in the U. S. for each month are described in the publications MONTHLY WEATHER REVIEW and the monthly CLIMATOLOGICAL DATA, NATIONAL SUMMARY, either of which may be obtained from the Superintendent of Documents, Government Printing Office, Washington 25, D. C.

Subscription Price: 20 cents per copy, monthly and annual; $2.50 per year. (Yearly subscription includes the Annual Summary). Checks, and money orders should be made payable to the Superintendent of Documents. Remittance and correspondence regarding subscriptions should be sent to the Superintendent of Documents, Government Printing Office, Washington 25, D. C.

USCOMM-WB-Asheville, N. C. --- 10/3/58 --- 750

551.05
JNNJ
cop. 1

U. S. DEPARTMENT OF COMMERCE
SINCLAIR WEEKS, Secretary
WEATHER BUREAU
F. W. REICHELDERFER, Chief

CLIMATOLOGICAL DATA

NEW JERSEY

SEPTEMBER 1958
Volume LXIII No. 9

THE LIBRARY OF THE
DEC 1 1958
UNIVERSITY OF ILLINOIS

ASHEVILLE: 1958

NEW JERSEY - SEPTEMBER 1958

TEMPERATURE AND PRECIPITATION EXTREMES

Highest Temperature: 93° on the 16th at Belvidere and on the 27th at Hammonton 2 NNE

Lowest Temperature: 32° on the 30+ at Charlotteburg

Greatest Total Precipitation: 7.07 inches at Canistear Reservoir

Least Total Precipitation: 2.16 inches at Burlington

Greatest One-Day Precipitation: 3.13 inches on the 27th at Bass River St Forest

CLIMATOLOGICAL DATA

NEW JERSEY
SEPTEMBER 1958

Station		Temperature													Precipitation									
											No. of Days								Snow, Sleet			No. of Days		
											Max		Min.											
		Average Maximum	Average Minimum	Average	Departure From Long Term Means	Highest	Date	Lowest	Date	Degree Days	90° or Above	32° or Below	32° or Below	0° or Below	Total	Departure From Long Term Means	Greatest Day	Date	Total	Max Depth on Ground	Date	10 or More	50 or More	100 or More
NORTHERN																								
BELVIDERE		78.1	52.5M	65.3M	- .7	93	16	40	29+	71	3	0	0	0	5.35	1.62	1.60	27	.0	0		6	4	2
BOONTON 2 SE	AM	74.4	50.5	62.5	- 1.0	87	17+	38	30+	124	0	0	0	0	5.11	.83	1.44	18	.0	0		7	4	2
CANOE BROOK	AM	75.9	52.2	64.1	.0	89	17	34	29	103	0	0	0	0	3.41	- .98	1.44	18	.0	0		4	3	2
CHARLOTTEBURG	AM	74.4	47.5	61.0	- 1.6	87	17	32	30+	156	0	0	3	0	4.49	.09	1.55	28	.0	0		6	3	2
ELIZABETH		78.6	54.8M	66.7M	- .5	90	16	40	29	51	1	0	0	0	4.44	.10	1.58	18	.0	0		5	3	2
ESSEX FELLS SERV BLDG	AM	73.7	51.0	62.4		88	17+	37	30+	122	0	0	0	0	4.27		1.64	18	.0	0		6	4	1
FLEMINGTON 1 NE		77.9	51.2	64.6	- 2.2	91	16	33	29	89	2	0	0	0	4.92	1.43	2.51	27	.0	0		3	3	2
HIGH POINT PARK	AM	71.2	49.2	60.2		83	1	35	29	172	0	0	0	0	5.60		1.94	8	.0	0		6	5	2
JERSEY CITY		74.0	57.3	65.7	- 1.3	88	26+	45	29	64	0	0	0	0	3.55	- .31	1.62	27	.0	0		5	3	1
LAMBERTVILLE		78.4	53.1	65.8	- .2	90	16	37	29	74	1	0	0	0	2.80	- .49	1.40	18	.0	0		4	2	1
LAYTON 3 NW		75.5	49.6	62.6	.5	87	16	33	29	124	0	0	0	0	6.13	2.38	1.49	17	.0	0		8	5	2
LITTLE FALLS 1 E	AM	77.6	53.6	65.6	- .1	90	17+	38	29	69	2	0	0	0	4.43	- .17	1.43	18	.0	0		8	4	1
LONG VALLEY		75.8	49.7	62.8		90	16	34	29	115	1	0	0	0	4.39	.50	1.06	17	.0	0		7	4	2
MORRIS PLAINS	AM	75.2	51.4	63.3		88	17+	37	30	108	0	0	0	0	5.48		1.65	18	.0	0		6	5	2
NEWARK WB AIRPORT	R	77.4	57.3	67.4	.6	91	16	44	29	37	2	0	0	0	3.60	- .29	1.48	27	.0	0		4	3	1
NEWTON	AM	74.1	48.8	61.5	- 1.6	88	17	35	12	150	0	0	0	0	6.08	2.22	1.90	28	.0	0		5	4	4
PATERSON	AM	77.5	55.0	66.3	- .1	91	17+	41	29	61	3	0	0	0	3.98	- .21	1.38	18	.0	0		6	3	1
PHILLIPSBURG		77.5	52.0	64.8	- .4	91	16	36	29	82	2	0	0	0	3.55	- .47	2.04	27	.0	0		2	2	2
PLAINFIELD		77.2	54.3	65.8	- .3	90	16	38	29	62	1	0	0	0	3.82	- .69	1.26	27	.0	0		6	3	1
RIDGEFIELD		75.9	55.1	65.5	- .5	90	16	39	29	69	1	0	0	0	4.14	- .02	.96	27	.0	0		6	5	0
SOMERVILLE		77.4	52.3	64.9	- 1.1	90	16	37	29	83	1	0	0	0	4.41	.97	2.10	27	.0	0		3	3	2
SUSSEX 3 N	//AM	74.6	48.9	61.8	- 2.0	88	17+	36	30	145	0	0	0	0	5.33	1.67	2.20	28	.0	0		5	4	2
DIVISION				64.1	- .9										4.51	.48			.0					
SOUTHERN																								
AUDUBON		78.5	55.7	67.1		91	26	42	29	47	2	0	0	0	2.32		.99	21	.0	0		4	3	0
BELLEPLAIN		79.2	54.9	67.1		89	17	39	29+	62	0	0	0	0	3.40	- .64	1.77	27	.0	0		3	3	2
BURLINGTON		79.3	55.6	67.5	- 1.3	90	26+	37	29	46	2	0	0	0	2.16	- 1.57	.76	21	.0	0		5	2	0
CLAYTON		77.2	55.7	66.5		89	26	43	29+	51	0	0	0	0	3.58		1.01	27	.0	0		6	3	1
FREEHOLD		77.2	53.9	65.6	- .8	89	26+	39	29	68	0	0	0	0	3.00	- .87	1.05	27	.0	0		5	4	1
HAMMONTON 2 NNE	AM	79.4M	53.6M	66.5M	- 1.1	93	27	41	29	49	4	0	0	0	4.56	1.07	2.74	28	.0	0		4	2	1
HIGHTSTOWN 1 N		77.1	53.6	65.4	- .7	88	26+	39	29	70	0	0	0	0	2.35	- 1.76	.85	21	.0	0		5	2	0
INDIAN MILLS 2 W		77.9	52.0	65.0	- 2.0	91	26	35	29	91	2	0	0	0	3.87	.42	1.77	27	.0	0		3	3	2
† LAURELTON 1 E		77.1	50.5	63.8	- 2.0	92	26+	38	29	88	2	0	0	0	3.86	.12	2.20	27	.0	0		5	2	1
LEESBURG STATE FARM		78.0	55.9	67.0		87	17	40	13	53	0	0	0	0	4.05		1.96	28	.0	0		5	3	2
MILLVILLE		78.7	56.0	67.4		91	18	44	29	39	2	0	0	0	3.62		2.27	27	.0	0		3	2	2
MOORESTOWN		76.2	53.7	65.0	- 1.3	88	26+	38	29	78	0	0	0	0	2.43	- 1.24	.90	22	.0	0		4	3	0
NEW BRUNSWICK EXP STA		77.6	54.2	65.9	- .7	88	26+	40	29	63	0	0	0	0	3.28	- .91			.0	0				
PEMBERTON 3 E		78.8	52.1	65.5	- 2.0	90	26	37	29	77	1	0	0	0	3.02	- .67	.87	21	.0	0		4	4	0
SHILOH		77.6	56.0	66.8	- 1.2	89	17	43	29+	52	0	0	0	0	5.06	1.15	2.93	27	.0	0		5	2	2
TRENTON 2		76.6	54.2	65.4		89	26	40	29	68	0	0	0	0	3.02	- 1.21	.97	21	.0	0		4	4	0
TRENTON WB CITY	R	75.7	56.5	66.1	- .9	89	26	43	29	54	0	0	0	0	3.06	- .69	1.31	17	.0	0		5	3	1
† TUCKERTON		76.8	53.0	64.9		88	7	37	13	87	0	0	0	0	4.40		1.50	27	.0	0		5	3	3
WOODSTOWN		79.3M	54.8M	67.1M		90	26+	40	29	55	2	0	0	0	2.86		1.04	21	.0	0		4	3	1
DIVISION				66.3	- .6										3.27	- .51			.0					
COASTAL																								
ATLANTIC CITY WB AP		76.4	55.5	66.0	- 1.4	88	26	41	29	62	0	0	0	0	3.71	.34	2.37	27	.0	0		3	2	2
ATLANTIC CITY	R	73.6	59.3	66.5	- 1.8	84	17	47	29	38	0	0	0	0	3.85	.34	2.60	27	.0	0		3	2	2
CAPE MAY 3 W		76.7M	59.2M	68.0M		88	17	45	13	29	0	0	0	0	2.74		1.11	28	.0	0		4	3	1
LONG BRANCH	R	76.0	55.9	66.0	.1	90	26+	41	29	62	2	0	0	0	2.90	- 1.11	1.51	27	.0	0		5	2	1
SANDY HOOK LBSTA																								
DIVISION				66.6	- 1.1										3.30	- .44			.0					

† DATA RECEIVED TOO LATE TO BE INCLUDED IN DIVISION AVERAGES

SUPPLEMENTAL DATA

Station	Wind direction		Wind speed m.p.h.				Relative humidity averages percent				Number of days with precipitation							Percent of possible sunshine	Average sky cover sunrise to sunset
	Prevailing	Percent of time from prevailing	Average	Fastest mile	Direction of fastest mile	Date of fastest mile	1:00 a EST	7:00 a EST	1:00 p EST	7:00 p EST	Trace	.01-.09	.10-.49	.50-.99	1.00-1.99	2.00 and over	Total		
ATLANTIC CITY WB AIRPORT	S	18	9.0	-	-	-	86	87	54	75	2	3	1	0	1	1	8	-	5.2
LONG BRANCH	SW	12	12.5	34	SE	21	-	82	64Ø	62	5	1	3	1	1	0	11	70	4.7
NEWARK WB AIRPORT	SSW	17	8.9	28++	W	1	79	82	56	65	4	6	1	2	1	0	14	-	5.5
TRENTON WB CITY	-	-	8.3	29	NW	8	-	-	-	-	2	2	2	2	1	0	9	86	5.1

Ø 12:00 Noon

See Reference Notes Following Station Index

DAILY PRECIPITATION

Station	Total	Day of month																														
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
ATLANTIC CITY WB AP	3.71							T			T							.04	.08			1.07					2.37	.12		.03	
ATLANTIC CITY K	3.85							T											.04			1.05					2.60	.15		.01	
AUDUBON	2.32							T			T							.15	.52		T	.99					.66			T	
BASS RIVER ST FOREST	4.80								.01									.20				1.46					3.13				
BELLEPLAIN	3.40																					1.13					1.77	.50			
BELMAR		RECORD MISSING																														
BELVIDERE	5.35	.09						T			.17							.40	1.50			.78	.04				1.60	.77			
BERLIN 1 W	3.35																		1.00				1.05					1.30			
BLACKWELLS MILLS	3.53									T		.09							1.61				.81			T		.73	.29			
BOONTON 2 SE	5.11							.20	.30	.02	.06	T						.61	1.44			T	.93					.38	1.17			
BOUND BROOK 1 W	3.24											.05							1.01				.81					1.12	.25			
BRANCHVILLE	5.32	.03							.12		.07	T						.91	.83	.02			.50					.38	2.46			
BURLINGTON	2.16										.02							.60	.02			.76	.24					.40	.12			
CANISTEAR RESERVOIR	7.07								.15		.07							1.59	1.57			.02	.69					.37	2.61			
CANOE BROOK	3.41	.02									.03	T						T	1.44	T		T	1.03					.27	.62			
CANTON	2.53	.02							.12		.01							.15	.28			.10						1.85				
CAPE MAY 3 W	2.74							.04											.20			.53						.86	1.11			
CEDAR GROVE	4.95						.03		.69		.03	.02						.26	1.76				1.28					.33	.55			
CHARLOTTEBURG	4.49								.15	T	.10							.77	1.42	.01		.03	.08					.38	1.55			
CHATHAM	3.38	T																T	1.60				.96					.20	.62			
CLAYTON	3.58							T	.20		.02								.84			.87	.23					1.01	.41			
CLINTON	4.89	.05						T	.04		.09							.57	1.93			.95	.22					1.00	.04			
DEEPWATER	2.65					T			T		T							.60	.08			1.19						.71	.04		.03	
ELIZABETH	4.44								.01		.05								1.58			.88	.22					1.53	.17			
ELIZABETHPORT	3.09								.03		.03							.42	.60			.87					.05	.99	.06		.04	
ESSEX FELLS SERV BLDG	4.27								.70									.21	1.64			.87						.22	.63			
FLEMINGTON 1 NE	4.92	.02					.04	T	T	T	.07								1.32		T	.82	.06					2.51	.08			
FORTESCUE	4.71																		.45				1.43						2.83			
FREEHOLD	3.00								T		.01								.56			.60	.13					1.05	.65			
GREENWOOD LAKE	6.53								.40	.03	.05	.03					T	1.58	1.32	T		.02	.79					.12	2.19			
HAMMONTON 2 NNE	4.56								.38			.03							.34	.01		.09	.97						2.74			
HIGH POINT PARK	5.60	.01							1.94	.04	.13							.86	.79		.03	.02	.58	.01				1.19				
HIGHTSTOWN 1 N	2.35	T						T	T		T							.29	.64			.85	.06					.40	.11			
INDIAN MILLS 2 W	3.87								T		T								.92		T	1.07	.03					1.77	.08			
IRVINGTON	3.85							.23			.01							.67	.64			.88						1.39			.03	
JERSEY CITY	3.55					.01		.10										.54	.81		.03	.30					.04	1.62	.09		.01	
LAMBERTVILLE	2.80	T						.05	T		.02								1.40			.90	.02					.31	.10			
LAURELTON 1 E	3.86						.15		.03									.35	.05			.93						2.20	.15			
LAYTON 3 NW	6.13	.03						.35			.06						.61	1.49	.91			.40	.14					1.37	.77			
LEESBURG STATE FARM	4.09																		.24			1.04	.22					.59	1.96			
LITTLE FALLS 1 E	4.43						.52	.11	.27	.02	.02							.27	1.43	T	.01		.89					.34	.55			
LONG BRANCH R	2.90						T	T	T		T							.33	.14		T	.75					1.51	.13		.04	
LONG VALLEY	4.39							.14	.06		.12							1.06	.79			1.00					.32	.90			
MACOPIN INTAKE	6.57								.37		.08							.91	1.45			.04	1.10					.97	1.65			
MAHWAH	4.83								.11		.06							1.00	1.32	.01	T	.01	.77					.39	1.16			
MANVILLE	4.86										.04							.37	.70			.85	.10				1.28	1.52				
MARLTON 1 W	2.18							.01									.03	.47				.82						.75	.10			
MAYS LANDING	4.14																.07	.25			.38	.90	.21					2.04	.29			
MIDLAND PARK	4.49							.42			.20							1.22	.80			.82	.01				.05	.97				
MILLVILLE	3.62																		.14			1.12						2.27	.05		.04	
MILTON	6.47								.05	.03	.12							1.09	1.48			.18	.67					.70	2.15			
MOORESTOWN	2.43								.38				T						.57				.90						.58			
MORRIS PLAINS	5.48	T						T	.83	T	.08	.01						.24	1.65	.01	T	.05	.94					.53	1.14			
NEWARK WB AIRPORT R	3.60				T	T		T	.01		.02						T	.69	.47		.03	.78					.01	1.48	.03		.08	
NEW BRUNSWICK EXP STA	3.28							T	T		.07							*	1.50			.71						.54	.46			
NEW MILFORD	2.66							.14			.02							.66	.80			.44					.02	.58				
NEWTON	6.08	.08							.07	.01	.04							1.47	1.00			.03	.44					1.04	1.90			
OAK RIDGE RESERVOIR	6.55								.10	.09	.12							1.23	1.57			.06	.73					.41	2.24			
OLDWICK	5.19									T	.07								2.10			.09	1.24					.84	.85			
ORANGE	4.68								.68		.03								1.43			1.53						1.01				
PATERSON	3.98						.02	.02	.38	.08	.02	.01						.40	1.38	T		.02	.64					.33	.68			
PEMBERTON 3 E	3.02	.04						.04	.01										.66			.87	.08					.78	.54			
PHILLIPSBURG	3.55							T	.09		T							.09	1.33		T							2.04				
PHILLIPSBURG BRIDGE	4.74						T		.03			.13							2.13	T		.04	1.10					.21	1.10			
PLAINFIELD	3.82	T						T	T		.05							.36	.94		T	.65	.16				.40	1.26				
PLEASANT RUN	3.39	.02								T									1.47			.27	.80					.51	.32			
PRINCETON WATER WORKS	2.72										T							.63	.44			.96						.65	.02		.02	
RAHWAY	3.20					.10		T	.04		.06							.37	.60			.95					.23	.77	.06		.02	
RIDGEFIELD	4.14					.33		.62	T		.05							.80	.65	T	.02	.63	.02					.96	.06			
RINGWOOD	6.13								.29		.09							1.73	1.19	T	T	.01	.73					.62	1.47			
SANDY HOOK L8STA		RECORD MISSING																														
SHILOH	5.06							.11			T							.04	.13		T	1.37						2.93	.48		T	
SOMERVILLE	4.41										.04								1.17	.03		.93	.07					2.10	.07			
SPLIT ROCK POND	5.76								.50	.03	.08							.80	1.25				1.01					1.12	.97			
SUSSEX 3N //	5.33								.23	.03	.07							1.32	.79	.02		.04	.54					.09	2.20			
SWEDESBORO 5 NW	2.83	.06							T		T								.74			.63	.60					.80				
TOMS RIVER	4.58							.28											.46			.77						1.07	2.00			
TRENTON 2	3.02								T		T							.72	.70			.97						.59	.02		.02	
TRENTON WB CITY R	3.06							T	T		.02							1.31	.20			.87						.53	.03		.10	
TUCKERTON	4.40																		.30			1.20	.10					1.50	1.30			
VINELAND	3.58								T			T						.04	.11	.02			1.13						2.28			
WANAQUE RAYMOND DAM	4.96								.22		.06							.74	1.36				.92					.50	1.16			
WERTSVILLE	2.91									T	.05								1.38	T		T	.83	T				.41	.24			
WESTFIELD	4.14					T					.07							.57	.78			.95					.14	1.63				
WOODCLIFF LAKE		RECORD MISSING																														
WOODSTOWN	2.86										T								.77	T		1.04	.03					.62	.40			

See Reference Notes Following Station Index

DAILY TEMPERATURES

Station		Day Of Month																													Average
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
ATLANTIC CITY WB AP	MAX	81	73	74	78	85	85	87	75	74	79	70	68	74	80	80	86	87	77	68	71	67	78	76	73	79	88	79	68	65	67		76.4
	MIN	60	53	52	57	64	60	66	56	49	56	50	46	47	54	57	63	65	64	55	55	62	55	52	49	56	66	55	50	41	43		55.5
ATLANTIC CITY	MAX	81	75	72	76	80	77	80	75	75	78	72	66	69	75	74	76	84	79	67	70	68	79	72	70	72	76	74	68	62	66		73.6
	MIN	64	56	58	63	69	70	68	58	54	59	52	51	53	58	62	66	65	64	57	58	64	57	55	54	62	68	56	52	47	59		59.3
AUDUBON	MAX	81	75	79	82	88	88	88	77	76	80	69	71	77	84	85	90	87	80	68	70	65	79	79	78	83	91	81	69	68	66		78.5
	MIN	59	54	49	54	64	67	68	61	52	60	52	44	45	53	55	62	63	63	58	52	62	55	48	50	56	67	55	55	42	47		55.7
BELLEPLAIN	MAX	88	84	80	81	86	86	87	78	70	80	76	70	75	81	83	87	89	79	73	71	71	78	77	75	81	88	86	82	66	69		79.2
	MIN	62	59	57	61	64	66	68	58	45	56	47	41	39	50	52	66	69	65	54	52	61	60	44	43	51	66	68	52	39	42		54.9
BELVIDERE	MAX	80	75	80	83	86	90	86	70	77	80	79	74	80	82	90	93	82	77	74	64	64	79	80	73	87	87	71	70	67	64		78.1
	MIN	60	51	48	55	61	63	66	55	44	57	52	40	41	47	50	59	62	55	55	54	59	52	43	48		65		47	40	42		52.5
BOONTON 2 SE	MAX	86	77	72	77	79	87	85	82	71	73	76	67	68	75	81	82	87	65	75	67	65	61	73	77	72	79	84	60	65	64		74.4
	MIN	56	54	44	47	55	65	63	58	48	43	53	38	40	41	48	50	65	57	53	56	58	54	44	43	45	53	58	49	38	38		50.5
BURLINGTON	MAX	82	78	79	82	88	89	89	82	76	80	77	72	78	84	85	90	86	79	73	70	66	79	78	74	83	90	85	67	72	67		79.3
	MIN	65	54	51	55	64	67	61	59	52	58	48	40	45	53	56	66	65	63	57	55	62	62	49	49	49	72	55	55	37	43		55.6
CANOE BROOK	MAX	88	78	72	76	80	86	87	85	72	73	78	67	70	77	83	84	89	68	77	65	66	63	75	77	75	80	88	63	67	67		75.9
	MIN	58	54	46	51	61	67	67	53	41	52	47	37	39	46	52	59	66	58	52	57	58	54	43	47	50	60	63	53	34	40		52.2
CAPE MAY 3 W	MAX	80	78	76	78	82	81	87	83		80	74	69	72	77	80	81	88	80	74	70	70	75	75	73	75	83	77	69	69	69		76.7
	MIN	70	60	52	57	68	68	69	57		63	59	50	45	60	62	65	67	63	55	57	61	64	56	50	60	66	56	54	49	54		59.2
CHARLOTTEBURG	MAX	85	74	74	74	78	84	82	80	68	73	79	73	69	74	81	82	87	64	75	63	63	68	73	78	73	81	84	61	67	65		74.4
	MIN	56	52	37	39	52	61	62	54	43	47	40	32	34	36	47	49	61	55	52	55	55	52	44	38	46	55	60	48	32	32		47.5
CLAYTON	MAX	82	74	75	79	84	85	87	78	74	78	71	75	74	80	83	88	87	77	69	69	67	77	78	75	80	89	80	68	67	66		77.2
	MIN	65	53	50	53	63	66	65	60	50	57	50	45	43	52	53	62	67	64	54	54	62	60	49	50	56	65	57	55	43	48		55.7
ELIZABETH	MAX	84	77	77	83	89	86	87	79	78	77	74	73	79	85	85	90	81	79	70	65	65	78	80	77	80	89	84	68	70	68		78.6
	MIN	56	58	58										45	52	55	62	61	59	54	59	60	57	47	58	55	66	54	51	40	44		54.8
ESSEX FELLS SERV BLDG	MAX	86	73	76	80	76	80	88	84	70	67	72	65	66	72	76	79	88	68	72	66	68	67	71	72	70	76	86	64	70	64		73.7
	MIN	57	54	46	52	58	60	63	55	46	49	50	40	44	44	50	52	62	58	52	54	58	55	46	45	47	52	56	50	37	37		51.0
FLEMINGTON 1 NE	MAX	79	73	78	82	90	88	85	75	75	78	76	72	79	85	87	91	84	78	71	68	65	77	80	75	82	88	75	68	67	66		77.9
	MIN	59	49	42	51	60	66	62	58	45	54	51	35	37	45	47	56	64	60	51	54	59	56	41	41	49	63	59	50	33	38		51.2
FREEHOLD	MAX	78	73	76	81	86	86	86	76	74	77	74	70	76	82	84	89	84	78	71	66	64	77	78	75	81	89	84	69	66	67		77.2
	MIN	62	50	48	55	62	66	65	56	46	57	49	41	45	50	54	61	62	60	51	58	60	59	48	49	48	65	55	51	39	44		53.9
HAMMONTON 2 NNE	MAX	88	84	74	79		86	88	90	75	76	80	70	72	77	85	85	90	91	80	67	71	66	80	80	76	82	93	81	68	70		79.4
	MIN	65	52	48	52		67	66	50	50	52	49	43	43	53	55	68	64	54	55	54	56	50	49	50	53	60	58	43	41			53.6
HIGH POINT PARK	MAX	83	76	70	71	76	81	81	74	62	69	70	61	69	74	79	81	82	58	71	58	60	58	70	74	72	82	80	66	61	68		71.2
	MIN	55	48	39	43	51	60	61	51	43	49	46	39	44	49	53	56	54	51	49	50	51	54	44	43	54	64	55	45	35	40		49.2
HIGHTSTOWN 1 N	MAX	78	75	78	78	86	86	85	78	75	77	68	72	78	83	84	88	80	78	68	68	64	79	79	75	82	88	81	69	68	66		77.1
	MIN	61	50	47	47	62	65	65	58	46	58	50	40	43	51	55	61	62	60	53	58	60	58	46	48	54	64	55	51	39	42		53.6
INDIAN MILLS 2 W	MAX	80	74	77	82	88	87	89	75	75	79	68	71	76	83	85	90	89	78	68	69	64	79	79	75	82	91	81	68	68	66		77.9
	MIN	61	50	43	48	61	65	64	56	42	57	44	36	38	49	49	60	64	63	52	50	60	57	44	46	54	64	54	52	35	41		52.0
JERSEY CITY	MAX	79	73	70	78	83	80	82	72	75	76	67	69	76	81	82	88	75	74	64	63	63	76	78	71	77	88	70	65	63	62		74.0
	MIN	60	54	52	61	65	70	67	59	53	63	52	47	51	56	60	65	61	59	56	58	60	59	55	54	59	69	53	48	45	49		57.3
LAMBERTVILLE	MAX	86	76	79	82	87	87	85	80	75	78	75	72	77	83	85	90	86	77	71	66	64	78	79	76	82	88	85	69	67	67		78.4
	MIN	60	50	46	54	61	68	67	57	43	57	46	39	41	48	53	60	65	61	53	54	61	55	45	46	53	64	57	51	37	42		53.1
LAURELTON 1 E	MAX	81	76	74	78	86	84	89	73	77	78	72	71	78	83	84	92	74	80	69	65	65	80	77	73	82	92	79	69	65	66		77.1
	MIN	56	49	44	50	62	64	65	52	45	52	44	40	42	50	53	62	62	60	51	58	60	51	45	46	53	65	52	44	38	40		50.5
LAYTON 3 NW	MAX	83	73	78	85	82	85	80	70	73	75	63	70	80	82	86	87	82	73	68	63	61	75	78	71	81	85	80	67	66	62		75.5
	MIN	57	50	38	48	58	60	69	50	42	53	48	34	34	44	46	56	60	56	54	55	57	55	42	41	50	64	52	45	33	38		49.6
LEESBURG STATE FARM	MAX	82	81	77	78	82	83	84	86	72	77	78	72	72	78	81	83	87	86	74	69	66	78	80	78	77	85	83	74	72	66		78.0
	MIN	66	51	55	57	65	64	68	56	48	57	56	43	40	50	60	66	68	64	53	50	64	60	45	45	54	65	69	52	43	42		55.9
LITTLE FALLS 1 E	MAX	90	80	76	78	84	88	86	84	72	76	80	69	73	79	85	86	90	67	78	67	67	64	79	82	75	80	89	64	70	69		77.6
	MIN	60	52	47	54	62	65	67	58	46	56	52	40	42	49	56	60	64	58	53	58	60	57	46	46	50	60	61	51	38	40		53.6
LONG BRANCH	MAX	79	74	74	76	83	84	88	71	75	77	67	70	78	84	86	90	82	78	65	66	64	77	75	73	83	90	73	67	66	66		76.0
	MIN	63	53	50	55	63	66	66	57	50	60	50	45	48	53	57	63	62	61	57	60	60	59	50	51	57	67	52	53	41	48		55.9
LONG VALLEY	MAX	77	71	77	79	86	85	83	75	77	75	74	68	75	82	83	90	84	74	68	64	67	75	77	72	80	85	78	66	65	63		75.8
	MIN	53	51	39	52	56	63	62	52	42	52	53	35	35	45	54	58	62	51	52	54	51	55	42	39	48	61	55	50	34	35		49.7
MILLVILLE	MAX	87	81	74	72	80	86	86	89	75	75	80	74	73	76	82	84	88	91	80	69	71	67	79	78	76	81	90	80	69	67		78.7
	MIN	64	55	51	55	58	66	66	59	53	55	52	46	45	51	56	59	69	66	57	54	60	61	50	50	52	58	68	55	44	45		56.0
MOORESTOWN	MAX	78	73	76	80	86	86	86	71	74	77	68	70	75	81	83	88	80	78	67	68	64	78	78	76	81	88	77	68	66	64		76.2
	MIN	61	52	46	52	61	67	66	55	51	57	51	41	43	53	52	61	63	63	55	51	61	51	46	46	54	66	54	49	38	44		53.7
MORRIS PLAINS	MAX	86	77	75	76	79	88	84	82	70	71	75	67	71	76	82	83	88	67	77	65	66	61	76	79	75	80	86	61	67	67		75.2
	MIN	56	52	43	51	59	66	66	56	45	53	50	39	40	47	47	56	65	56	53	57	58	52	43	43	48	57	60	49	39	37		51.4
NEWARK WB AIRPORT	MAX	81	76	74	82	87	85	85	73	76	79	69	72	80	86	87	91	76	79	66	66	65	78	80	77	84	90	73	69	69	67		77.4
	MIN	61	56	55	61	65	69	67	59	54	59	53	47	49	56	58	64	60	59	58	59	61	60	53	54	58	68	54	51	44	48		57.3
NEW BRUNSWICK EXP STA	MAX	87	76	76	79	86	85	85	80	73	77	75	70	77	81	83	88	85	76	72	67	64	78	78	78	80	88	85	67	67	66		77.6
	MIN	61	51	50	54	62	68	65	57	47	58	51	41	43	51	55	62	62	59	53	58	59	59	48	47	55	64	55	50	40	42		54.2
NEWTON	MAX	87	75	71	76	80	83	85	79	67	73	75	65	70	75	82	84	88	68	74	63	64	62	72	77	74	82	86	61	61	65		74.1
	MIN	55	49	38	47	60	61	64	56	38	46	52	35	36	43	47	52	52	56	54	55	56	55	40	39	44	55	60	48	36	36		48.8
PATERSON	MAX	91	82	76	77	83	84	86	85	73	75	79	70	73	80	85	85	91	67	76	65	65	64	77	80	79	84	90	64	68	70		77.5
	MIN	63	54	50	57	63	68	68	58	51	55	53	42	46	52	58	60	65	56	56	56	58	56	50	50	53	58	61	50	41	43		55.0
PEMBERTON 3 E	MAX	83	77	78	82	87	87	87	78	75	77	74	71	77	83	84	89	88	80	73	71	66	80	80	79	82	90	82	71	68	66		78.8
	MIN	60	48	44	49	61	64	65	57	43	57	44	38	38	46	52	60	66	62	50	53	59	55	42	45	53	68	54	51	37	42		52.1
PHILLIPSBURG	MAX	88	77	76	82	86	87	85	79	74	76	76	71	75	85	86	91	90	67	69	65	62	76	77	75	83	86	83	69	65	65		77.5
	MIN	61	51	46	57	59	61	63	55	48	56	53	40	42	41	52	58	66	58	58	56	57	56	45	45	49	61	48	42	36	41		52.0
PLAINFIELD	MAX	80	77	78	81	88	88	86	73	75	78	70	72	79	85	86	90	72	78	67	67	65	79	80	76	82	89	69	70	68	67		77.2
	MIN	60	53	48	54	62	68	66	58	48	57	50	39	42	50	53	62	62	60	52	59	60	58	45	45	55	65	63	59	38	39		54.3
RIDGEFIELD	MAX	81	73	78	82	87	84	84	69	70	78	70	71	78	85	85	90	75	74	65	63	62	77	77	77	81	89	72	67	68	65		75.9
	MIN	60	55	50	58	66	66	69	57	48	57	53	43	46	53	58	64	57	59	57	59	59	52	48	49	56	68	53	50	39	44		55.1
SANDY HOOK LBSTA	MAX																																
	MIN																																

See Reference Notes Following Station Index

CONTINUED

DAILY TEMPERATURES

Station		Day Of Month 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Average
SHILOH	MAX	82	76	74	79	85	84	87	77	74	79	73	71	74	80	83	88	89	82	72	69	66	79	78	75	80	88	85	68	66	66		77.6
	MIN	63	52	51	53	64	66	66	60	51	58	50	45	43	51	54	64	68	64	56	53	65	59	52	50	58	66	58	52	43	46		56.0
SOMERVILLE	MAX	82	75	77	82	88	87	85	78	75	77	72	71	78	84	81	90	84	75	67	67	63	77	79	74	82	89	83	67	67	65		77.4
	MIN	58	49	47	54	61	69	64	55	45	53	48	38	39	47	51	58	64	60	52	58	60	54	44	44	52	63	55	49	37	40		52.3
SUSSEX 3 N	MAX	88	75	71	77	80	84	86	80	68	73	75	65	70	77	86	84	88	62	73	64	65	62	73	78	73	81	87	62	66	65		74.6
	MIN	56	50	41	41	54	60	61	53	42	43	52	37	38	40	47	54	61	55	51	55	55	55	44	43	43	55	61	47	37	36		48.9
TRENTON 2	MAX	80	73	77	81	86	88	86	75	75	77	67	70	77	83	84	88	76	78	67	70	64	78	78	76	81	89	74	68	67	66		76.6
	MIN	61	52	49	55	63	66	65	55	48	57	49	43	45	52	55	62	60	60	53	56	60	57	48	49	55	64	53	50	40	43		54.2
TRENTON WB CITY	MAX	78	72	76	80	87	87	85	71	74	76	67	69	76	82	84	88	75	77	66	68	64	76	78	74	81	89	73	68	66	65		75.7
	MIN	60	54	53	58	65	68	67	56	51	58	52	47	48	56	58	65	61	61	56	59	61	57	52	53	59	67	54	48	43	48		56.5
TUCKERTON	MAX	81	77	74	76	85	84	88	80	76	78	76	68	74	80	81	85	85	79	73	70	67	70	76	73	78	85	80	70	67	67		76.8
	MIN	64	48	46	50	64	64	66	59	46	58	46	40	37	51	56	63	64	63	51	54	57	59	44	43	49	65	55	49	38	40		53.0
WOODSTOWN	MAX	85	74	76	80		86	88	83	75	80		71	75	82	83	89	90	88	73	70	67	80	80	78	82	90	87	70	68	69		79.3
	MIN	67	52	48	52		62	67	59	46	58		44	42	52	52	61	69	64	55	52	62	57	47	49	56	65	57	53	40	45		54.8

EVAPORATION AND WIND

Station		Day of month 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Total or Avg
ATLANTIC CITY WB AIRPORT	EVAP	.31	.29	.18	.44	.48	.20	-	-	.06	.36	.31	.17	.22	.27	.12	.15	.15	.14	.21	.11	-	.15	.20	.17	.16	.19	-	-	.18	.16		B6.46
	WIND	77	146	55	50	68	83	91	72	108	136	135	81	56	65	75	71	57	70	111	53	86	97	55	40	50	59	78	195	93	63		2476
CANOE BROOK	EVAP	.16	.26	.17	.16	.13	.11	.14	.10	.12	.12	.11	.14	.10	.11	.15	.13	.14	.08	.10	.03	.00	-	.16	.11	.06	.11	*	*	.28	.10		B3.50
	WIND	17	57	30	21	17	5	16	19	39	22	48	46	11	11	9	20	16	27	25	10	2	20	28	6	7	13	22	49	44	9		666

DAILY SOIL TEMPERATURES

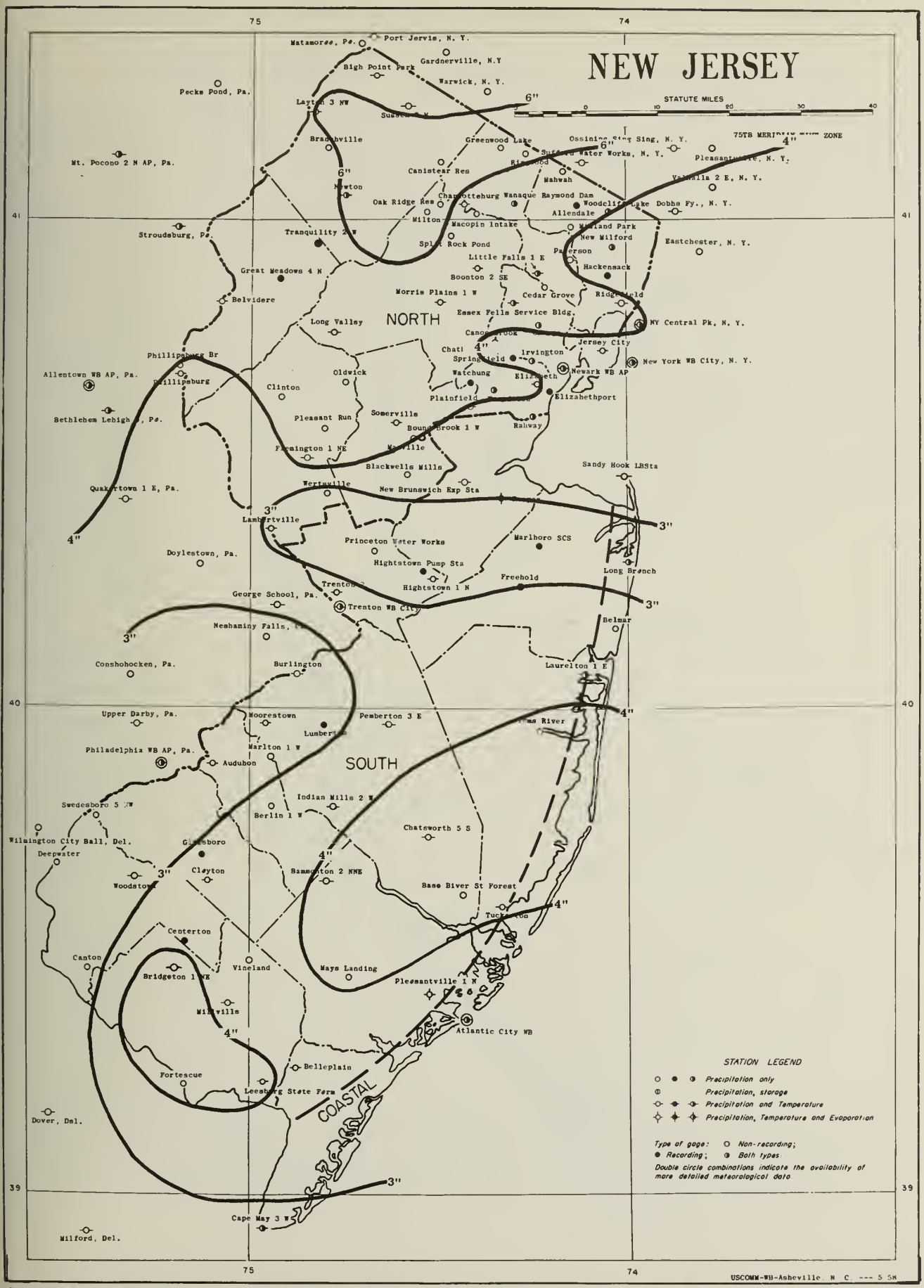
Station And Depth		Day of month 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Average
NEW BRUNSWICK EXP STATION																																	
MEASURED UNDER SOD																																	
1 INCH	MAX	81	80	80	79	83	84	85	76	80	74	72	77	79	81	80	83	72	74	70	70	67	74	73	71	73	77	70	76	88	84		75.8
	MIN	70	65	62	66	69	70	70	65	62	63	59	57	58	61	63	66	66	66	64	65	66	64	60	60	63	68	65	60	57	57		63.6
2 INCHES	MAX	79	77	76	77	80	81	80	75	77	72	70	74	75	77	79	80	72	73	69	69	66	74	72	70	72	76	70	75	68	64		73.9
	MIN	70	66	61	66	69	71	71	66	63	64	61	58	59	62	64	67	66	66	64	65	65	64	61	61	64	68	65	62	59	58		64.2
4 INCHES	MAX	78	77	75	76	79	80	79	74	76	71	70	73	74	76	76	79	72	72	69	69	66	73	72	70	71	75	70	75	68	64		73.3
	MIN	70	67	61	66	69	71	71	67	73	75	72	59	60	62	64	67	67	66	65	65	65	64	62	62	68	68	65	63	59	58		64.6
8 INCHES	MAX	75	73	72	72	74	75	75	73	71	70	68	68	69	70	71	72	71	69	68	68	67	69	69	68	68	71	70	68	66	65		70.2
	MIN	73	70	68	69	70	71	72	70	67	67	65	63	63	65	68	68	69	67	67	67	66	65	65	65	66	68	68	65	63	62		67.1
16 INCHES	MAX	73	72	71	70	72	72	73	72	71	70	69	68	67	68	68	70	70	69	68	67	67	67	68	68	67	69	71	69	67	66		69.3
	MIN	72	70	69	70	70	70	71	71	69	68	67	66	65	66	67	67	69	68	68	87	66	66	66	66	66	67	69	87	65	64		67.7
32 INCHES	MAX	71	71	70	70	70	70	70	71	71	70	69	68	68	67	68	68	68	68	88	68	88	68	67	67	67	67	67	67	67	66		68.5
	MIN	70	70	69	69	69	69	89	70	69	69	68	68	67	67	67	67	67	67	68	68	67	66	67	67	66	67	67	67	67	66		67.8

Measured under Kentucky Bluegrass. Instrumentation: Copper-constantan Thermocouples connected to a Brown Electronik Potentiometer.

See Reference Notes Following Station Index

TOTAL PRECIPITATION

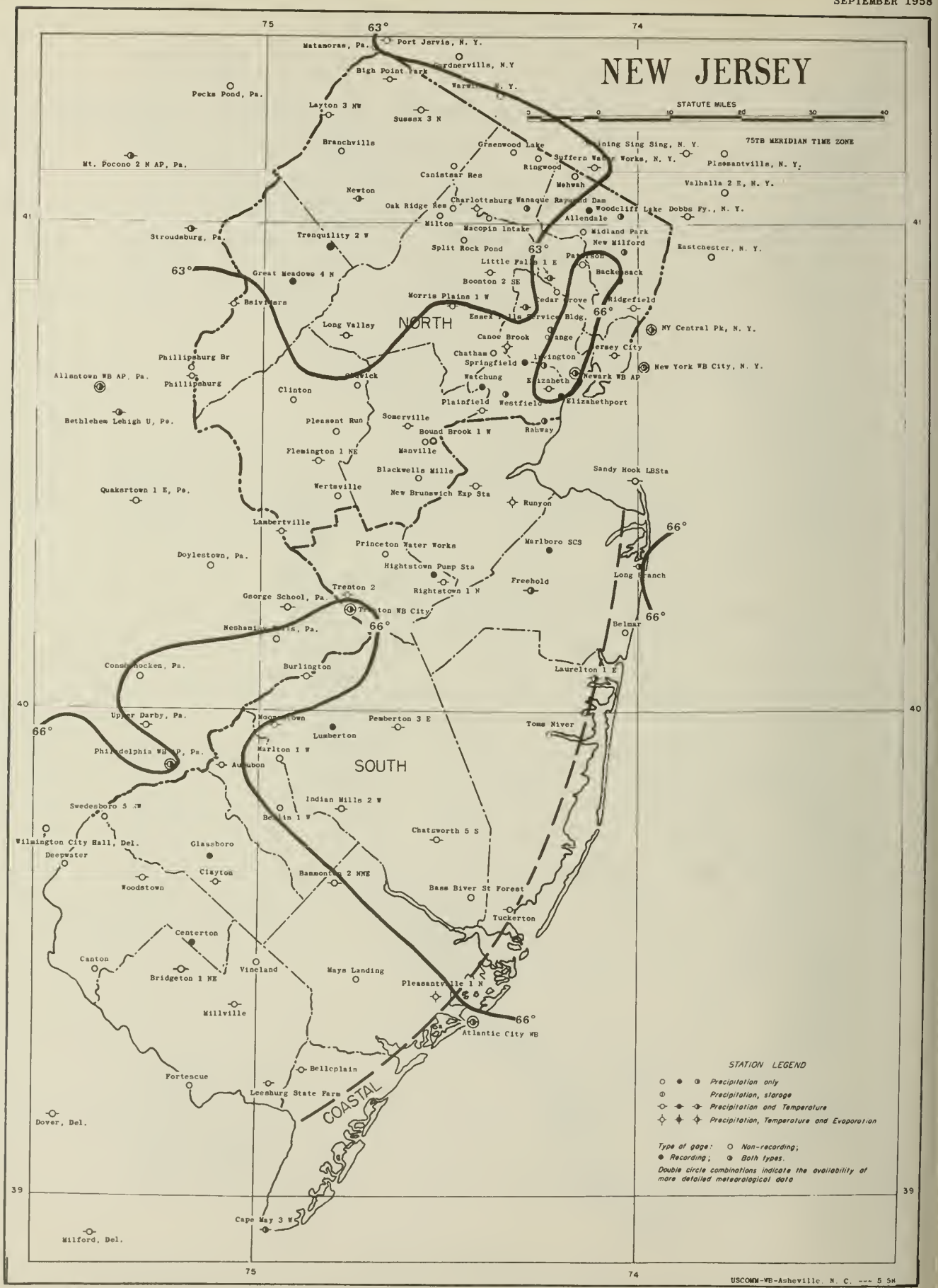
NEW JERSEY
SEPTEMBER 1958



Isolines are drawn through points of approximately equal values. Hourly precipitation data from recorder substations will be available in the publication "Hourly Precipitation Data".

AVERAGE TEMPERATURE

NEW JERSEY
SEPTEMBER 1958



Isolines are drawn through points of approximately equal values. Hourly precipitation data from recorder substations will be available in the publication "Hourly Precipitation Data".

STATION INDEX

STATION	INDEX NO.	COUNTY	DRAINAGE ‡	LATITUDE	LONGITUDE	ELEVATION	OBSERVATION TIME AND TABLES: TEMP.	PRECIP.	EVAP.	SPECIAL (SEE NOTES)	OBSERVER
ALLENDALE	0100	BERGEN	8	41 02	74 08	270				C	BERGEN COUNTY ENGS
ATLANTIC CITY WB AP	0311	ATLANTIC	1	39 27	74 35	58	MID	MID	N1D	C HJ	U.S. WEATHER BUREAU
* ATLANTIC CITY	0325	ATLANTIC	1	39 23	74 26	10	N1D	MID			STATE MARINA
AUDUBON	0344	CAMDEN	2	39 54	75 04	50	11P	11P			IRVIN J. NYGREN
BASS RIVER S7 FOREST	0528	BURLINGTON	1	39 37	74 26	20		6P		H	N.Y. FORESTRY SVC
BELLEPLAIN	0690	CAPE MAY	1	39 16	74 52	49	5P	5P			NRS. ED C. HOFFMAN
BELMAR	0721	MONMOUTH	1	40 10	74 02	19		N1D			CITY WATER DEPT
BELVIDERE	0720	WARREN	2	40 50	75 05	289	5P	5P		H	NISS C. S. HIXSON
BERLIN 1 W	0787	CAMDEN	7	39 48	74 57	150		7A			SAMUEL H. MC CULLEY
BLACKWELLS MILLS	0847	SOMERSET	10	40 29	74 35	27		7A			HENRY M. MILLER
BOONTON 2 SE	0907	MORRIS	8	40 54	74 24	280	8A	8A			JERSEY CITY WTR WKS
BOUND BROOK 1 W	0027	SOMERSET	10	40 33	74 33	20		8A			AMERICAN CYANAMID CO
BRANCHVILLE	0978	SUSSEX	2	41 09	74 43	570		7A			ALBERT N. DAVENPORT
BURLINGTON	1211	BURLINGTON	2	40 04	74 53	12	8P	6P			PUBLIC SVC E + G CO
CANISTEAR RESERVOIR	1327	SUSSEX	8	41 07	74 30	1040		8A			NEWARK WATER DEPT
CAMDE BROOK	1335	ESSEX	8	40 45	74 21	180	0A	0A	0A		COMMONWEALTH WTR CO
CANTON	1343	SALEM	2	39 28	75 25	20		0A			GERTRUDE S. WILLIS
CAPE MAY 3 W	1351	CAPE MAY	1	38 56	74 57	17	5P	5P		C	N.WEST NAGNESITE CO
CEDAR GROVE	1472	ESSEX	8	40 52	74 13	400		8A			J. A. PRITT
CENTERTON	1512	SALEM	6	39 31	75 10	80				C	JOHN HOPKINS UNI.
CHARLOTTEBURG	1582	PASSAIC	8	41 03	74 26	760	7A	7A		H	NEWARK WATER DEPT
CHATMAN	1590	MORRIS	8	40 44	74 23	185		8A			EDWARD P. MOLITOR
CHATSWORTH 5 S	1598	BURLINGTON	1	39 44	74 32	90	5P	5P			INACTIVE 5/58
CLAYTON	1706	GLOUCESTER	8	39 30	75 06	120	6P	6P		H	HARRY P. CAMPBELL
CLINTON	1749	HUNTERDON	10	40 38	74 55	300		6P			L. W. KLOCKNER
DEEPWATER	2200	SALEM	2	39 41	75 30	12		N1D			DU PONT DE NEMOURS
ELIZABETH	2644	UNION	1	40 40	74 14	33	5P	5P			UNION CO PARK COMM
ELIZABETHPORT	2652	UNION	8	40 30	74 12	30		N1D		C	SEWAGE TREATMENT PL
ESSEX FELLS SERV BLDG	2768	ESSEX	8	40 50	74 18	290	8A	8A		C	BOROUGH ESSEX FELLS
FLEMINGTON 1 NE	3020	HUNTERDON	10	40 31	74 51	134	5P	5P		H	DONALD YOUNG
FORTESCUE	3102	CUMBERLAND	2	39 14	75 10	5		7A			JOHN LOPER
FREEHOLD	3181	MONMOUTH	10	40 15	74 17	194	6P	6P		C H	FRANK J. MOREAU
GLASSBORO	3201	GLOUCESTER	2	39 42	75 07	150				C	PROF. J. B. SANGREE
GREAT MEADOWS 4 N	3416	WARREN	2	40 56	74 55	540				C	GAMMA CHEMICAL CORP.
GREENWOOD LAKE	3516	PASSAIC	8	41 00	74 20	660		7A			GEORGE T. WIGGINS
HACKENSACK	3572	BERGEN	4	40 53	74 03	10				C	BERGEN COUNTY ENGS
HAMMONTON 2 NNE	3662	ATLANTIC	7	39 39	74 48	85	8A	8A			W. HUBBARD PARKMURST
HIGH POINT PARK	3935	SUSSEX	2	41 18	74 40	1570	8A	8A			N. J. DEPT. OF CONS.
HIGHTSTOWN 1 N	3951	MERCER	10	40 16	74 31	100	8P	8P		H	JAMES R. PICKERING
HIGHTSTOWN PUMPING STA	3956	MERCER	10	40 17	74 32	75				C	DEPT WATER + SEWAGE
INDIAN MILLS 2 W	4229	BURLINGTON	7	39 48	74 47	100	7P	7P		H	EDWARD ENTWISTLE
IRVINGTON	4260	ESSEX	1	40 43	74 15	120		N1D		C	JOINT MEETING GARAGE
JERSEY CITY	4339	HUDSON	1	40 44	74 04	135	N1D	N1D			JERSEY CITY WTR DEPT
LANBERTVILLE	4635	HUNTERDON	2	40 22	74 57	75	6P	6P		H	E. E. CASE
LAURELTON 1 E	4700	OCEAN	1	40 04	74 07	20	N1D	MID		C H	GEORGE G. WADDILL
LAYTON 3 NW	4735	SUSSEX	2	41 15	74 51	480	6P	6P		H	A. N. DEPUE
LEESBURG STATE FARN	4762	CUMBERLAND	6	39 14	74 58	10	4P	4P			LEESBURG STATE FARN
LITTLE FALLS 1 E	4887	PASSAIC	8	40 53	74 14	197	9A	9A		C H	PASSAIC VLY WTR COMM
LONG BRANCH	4987	MONMOUTH	1	40 18	73 59	34	N1D	MID		C HJ	STORM WARN. DSPL STA
LONG VALLEY	5003	MORRIS	10	40 48	74 46	660	6P	6P		H	ARTHUR BARKMAN
LUMBERTON	5055	BURLINGTON	2	39 58	74 48	25				C	JAMES LAWTON
MACOPIN INTAKE	5071	PASSAIC	8	41 01	74 24	584		9A			NEWARK WATER DEPT
MAHWAH	5104	BERGEN	8	41 06	74 10	253		7A			ROBERT G. GLASGOW
MANVILLE	5197	SONERSET	10	40 33	74 34	50		N1D			JOHN L. RADCLIFFE
MARLBORO SCS	5244	MONMOUTH	1	40 20	74 14	120				C	GEROW BRILL
MARLTON 1 W	5252	BURLINGTON	2	39 54	74 57	90		6P			DAVID GRISCON
NAYS LANDING	5346	ATLAN7IC	3	39 27	74 44	50		5P		H	ELMER EARLE
MIDLAND PARK	5503	BERGEN	1	40 59	74 00	210		N1D			RIDGEWOOD WATER CO.
NILLVILLE	5576	CUMBERLAND	6	39 24	75 03	60	8A	8A		C H	L. J. GALLAHER
NILTON	5507	MORRIS	8	41 01	74 32	950		7A			JERSEY CITY WTR WKS
MOORESTOWN	5728	BURLINGTON	2	39 58	74 58	55	N1D	8A		H	H. J. WILLARD
MORRIS PLAINS	5760	MORRIS	8	40 50	74 30	500	8A	8A		H	JAMES C. LONG
NEWARK WB AIRPORT	6026	ESSEX	1	40 42	74 10	11	N1D	N1D		C HJ	U. S. WEATHER BUREAU
NEW BRUNSWICK EXP STA	6062	MIDDLESEX	10	40 28	74 26	80	5P	5P		GH	ARTHUR H. AHLQUIST
NEW NILFORD	6146	BERGEN	4	40 57	74 02	12		N1D		C	HACKENSACK WATER CO
NEWTON	6177	SUSSEX	2	41 03	74 45	565	6A	8A		C H	NEWTON WTR SWR COMM
OAK RIDGE RESERVOIR	6460	PASSAIC	8	41 02	74 30	870		8A			NEWARK WATER DEPT
OLDWICK	6544	HUNTERDON	10	40 40	74 45	260		8A			DAM A. COUGHLIN
ORANGE	6560	ESSEX	8	40 47	74 14	140		N1D		C	COUN7Y ENGINEER
PATERSON	6775	PASSAIC	8	40 55	74 00	100	8A	8A		H	P. J. DEL VECCHIO
PENBERTON 3 E	6843	BURLING7ON	2	39 58	74 38	60	5P	5P		H	CHARLES A. OOEHLERT
PHILLIPSBURG	6074	WARREN	2	40 41	75 12	182	3P	3P		H	SEWAGE DISPOSAL PLT
PHILLIPSBURG BRIDGE	6079	WARREN	2	40 42	75 12	106		0A			JOIN7 TOLL BRDGE COM
PLAINFIELD	7070	UNION	10	40 36	74 25	120	8P	8P		H	NRS VIVIAN SCHERER
PLEASANT RUN	7123	HUNTERDON	10	40 34	74 48	140		7A			JOHN H. BERRYMAN
PRINCETON WATER WORKS	7328	MERCER	10	40 10	74 40	00		N1D			PRINCETON WATER CO
RAHWAY	7393	UNION	9	40 36	74 15	20		N1D		C H	RAHWAY VLY SWG AUTH
RIDGEFIELD	7545	BERGEM	4	40 50	74 01	80	N1D	N1D		H	GEORGE P. KIRSTEN
RINGWOOD	7587	PASSAIC	8	41 08	74 16	305		10A			NO JERSEY WTR SUPPLY
SANDY HOOK LBSTA	7869	MONMOUTH	1	40 28	74 01	22	7P	7P			U. S. COAST GUARD
SMILOH	8051	CUMBERLAND	2	30 26	75 18	120	5P	5P			EVERET7 DICKINSON
SONERVILLE	8194	SONERSET	10	40 34	74 37	75	6P	6P		H	W. E. MAYER
SPLIT ROCK POND	8402	MORRIS	8	40 58	74 28	800		10A			JERSEY CITY D P W
SPRINGFIELD	8423	UNION	1	40 43	74 18	-				C	N.J. DEPT OF CONS
SUSSEX 3 N	8644	SUSSEX	5	41 14	74 35	530	7A	7A			BRICE B. STAN7ON
SWEDESBORO 5 NW	8685	GLOUCESTER	2	30 47	75 24	10		12N			SUN OIL CO
TOMS RIVER	8816	OCEAN	1	30 57	74 14	10		5P			ROBERT F. SNYDER
TRANQUILITY 2 W	8858	WARREN	2	40 57	74 50	551				C	H. J. ERVEY
TRENTON 2	8878	MERCER	2	40 14	74 46	105	N1D	MID			E. H. RISTON
# TRENTON WB CITY	8883	MERCER	2	40 13	74 46	56	N1D	N1O		C HJ	U.S. WEATHER BUREAU
TUCKERTON	8809	OCEAN	1	39 36	74 20	10	6P	6P			REV EDWARD O. MEGILL
VINELAND	0135	CUMBERLAND	6	39 20	75 00	110		8A			STATE HONE FOR WOMEN
WANAQUE RAYMOND DAN	9187	PASSAIC	8	41 03	74 18	320		8A		C H	WATER SUPPLY COMM
WATCHUNG	9271	UNION	8	40 40	74 25	-				C	BONNIE BURN SAN.
WERTSVILLE	9363	HUNTERDON	10	40 27	74 48	160		7A			ROBERT H. MANNERS
# WESTFIELD	9455	UNION	9	40 39	74 21	138		5P		C	CITY ENGINEER
WOODCLIFF LAKE	9832	BERGEN	4	41 01	74 03	103		N1D		C	HACKENSACK WATER CO
WOODSTOWN	9910	SALEM	2	39 39	75 19	50	5P	5P			CREAM VALLEY DAIRY

‡ 1-COASTAL; 2-DELAWARE; 3-GREAT EGG HARBOR; 4-HACKENSACK; 5-HUDSON; 6-MAURICE; 7-MULLICA; 8-PASSAIC; 9-RAHWAY; 10-RARITAN; 11-ROCKAWAY

REFERENCE NOTES

Additional information regarding the climate of New Jersey may be obtained by writing to the State Climatologist at Weather Bureau Office, c/o General Delivery, Trenton, New Jersey or to any Weather Bureau Office near you.

Figures and letters following the station name, such as 12 SSW, indicate distance in miles and direction from the post office.

Delayed data and corrections will be carried only in the June and December issues of this bulletin.

Monthly and seasonal snowfall and heating degrees for the preceding 12 months will be carried in the June issue of this bulletin.

Stations appearing in the Index, but for which data are not listed in the tables, either are missing or were received too late to be included in this issue.

Divisions, as used in "Climatological Data" Table and on the maps, became effective with data for September 1956.

Unless otherwise indicated, dimensional units used in this bulletin are: Temperature in °F, precipitation and evaporation in inches and wind movement in miles. Monthly degree day totals are the sums of the negative departures of average daily temperatures from 65° F.

Evaporation is measured in the standard Weather Bureau type pan of 4 foot diameter unless otherwise shown by footnote following the "Evaporation and Wind" Table. Max and Min in "Evaporation and Wind" Table refer to extremes of temperature of water in pan as recorded during 24 hours ending at time of observation.

Long-term means for full-time stations (those shown in the Station Index as "U. S. Weather Bureau") are based on the period 1921-1950, adjusted to represent observations taken at the present location. Long-term means for all stations except full-time Weather Bureau stations are based on the period 1931-1955.

Water equivalent values published in the "Snowfall and Snow on Ground" Table are the water equivalent of snow, sleet, or ice on the ground. Samples for obtaining measurements are taken from different points for successive observations; consequently occasional drifting and other causes of local variability in the snowpack may result in apparent inconsistencies in the record.

Entries of snowfall in the "Climatological Data" Table and the "Snowfall and Snow on Ground" Table, and in the "Seasonal Snowfall" Table include snow and sleet. Entries of snow on ground include snow, sleet and ice.

Data in the "Daily Precipitation" Table; "Daily Temperature" Table; and "Evaporation and Wind" Table, and snowfall in the "Snowfall and Snow on Ground" Table, when published, are for the 24 hours ending at time of observation. The Station Index shows observation times in local standard time. During the summer months some observers take the observations on daylight saving time.

Snow on ground in the "Snowfall and Snow on Ground" Table is at observation time for all except Weather Bureau and CAA stations. For these stations snow on ground values are at 7:00 a.m., E.S.T.

No record in the "Climatological Data" Table and the "Daily Temperature" Table is indicated by no entry.

Interpolated values for monthly precipitation totals may be found in the annual issue of this publication.

- No record in the "Daily Precipitation" Table; "Evaporation and Wind" Table; "Snowfall and Snow on Ground" Table; and the Station Index.
+ And also on an earlier date or dates.
++ Fastest observed one minute wind speed. This stations is not equipped with automatic wind instruments.
* Amount included in following measurement, time distribution unknown.
Thermometers are generally exposed in a shelter located a few feet above sod-covered ground; however, the reference indicates that the thermometers are exposed in a shelter located on the roof of a building.
// Gage is equipped with a windshield.
AR This entry in time of observation column in Station Index means after rain.
AM Data based on observational day ending before noon.
B Adjusted to a full month.
D Water equivalent of snowfall wholly or partly estimated, using a ratio of 1 inch water equivalent to every 10 inches of new snowfall.
M One or more days of record missing; if average value is entered, less than 10 days record is missing. See "Daily Temperature" Table for detailed daily record. Degree day data, if carried for this station, have been adjusted to represent the value for a full month.
R Amounts from recording gage. (These amounts are essentially accurate but may vary slightly from the amounts to be published later in Hourly Precipitation Data.)
SS This entry in time of observation column in Station Index means observation made near sunset.
T Trace, an amount too small to measure.
V Includes total for previous month.
X Observation time is 1:00 a.m., E.S.T. of the following day.
VAR This entry in time of observation column in Station Index means variable.

In the Station Index the letters C, G, H, and J in the "Special" column under the heading "Observation Time and Tables", indicate the following:

C Weighing Rain Gage Recording Station. Hourly precipitation values are processed for special purposes, and are published later in "Hourly Precipitation Data" Bulletin.
G "Soil Temperature" Table.
S "Snowfall and Snow on Ground" Table. Omission of data in any month indicates no snowfall and/or snow on ground in that month.
J "Supplemental Data" Table.

Information concerning the history of changes in locations, elevations, exposure etc. of substations through 1955 may be found in the publication "Substation History" for this state. That publication may be obtained from the Superintendent of Documents, Government Printing Office, Washington 25, D. C. for 15 cents. Similar information for regular Weather Bureau stations may be found in the latest annual issue of Local Climatological Data for the respective stations, obtained as indicated above, price 15 cents.

General weather conditions in the U. S. for each month are described in the publications MONTHLY WEATHER REVIEW and the monthly CLIMATOLOGICAL DATA, NATIONAL SUMMARY, either of which may be obtained from the Superintendent of Documents, Government Printing Office, Washington 25, D. C.

Subscription Price: 20 cents per copy, monthly and annual; $2.50 per year. (Yearly subscription includes the Annual Summary). Checks, and money orders should be made payable to the Superintendent of Documents. Remittance and correspondence regarding subscriptions should be sent to the Superintendent of Documents, Government Printing Office, Washington 25, D. C.

USCOMM-WB-Asheville, N. C. --- 10/31/58 --- 750

551.05
UNNJ
cop. 1

U. S. DEPARTMENT OF COMMERCE
LEWIS L. STRAUSS, Secretary
WEATHER BUREAU
F. W. REICHELDERFER, Chief

CLIMATOLOGICAL DATA

NEW JERSEY

OCTOBER 1958
Volume LXIII No. 10



THE LIBRARY OF THE
JAN 6 1959
UNIVERSITY OF ILLINOIS

ASHEVILLE: 1958

NEW JERSEY - OCTOBER 1958

TEMPERATURE AND PRECIPITATION EXTREMES

Highest Temperature: 87° on the 10th at Burlington and Long Valley

Lowest Temperature: 21° on the 7th at Layton 3 NW

Greatest Total Precipitation: 9.01 inches at Bass River St Forest

Least Total Precipitation: 2.49 inches at Cape May 3 W

Greatest One-Day Precipitation: 3.61 inches on the 25th at Laurelton 1 E

Greatest Reported Total Snowfall: Trace at 5 stations

Greatest Reported Depth of Snow on Ground: Trace on the 26th at Greenwood Lake and Mahwah

CLIMATOLOGICAL DATA

Station		Temperature												Precipitation									
											No of Days										No of Days		
											Max		Min										
		Average Maximum	Average Minimum	Average	Departure From Long Term Means	Highest	Date	Lowest	Date	Degree Days	90° or Above	32° or Below	32° or Below	0° or Below	Total	Departure From Long Term Means	Greatest Day	Date	Total	Max Depth on Ground	Date	10 or More	50 or More	100 or More
NORTHERN																							
BELVIDERE		67.2M	42.8M	55.0M	.1	84	10	30	6	312	0	0	4	0					.0	0				
BOONTON 2 SE	AM	60.4	39.2	49.8	- 3.7	80	11	26	6	464	0	0	7	0	6.99	3.77	1.58	26	.0	0		8	6	3
CANOE BROOK	AM	62.4	39.7	51.1	- 2.8	84	11	25	6	424	0	0	7	0	6.61	3.37	2.03	23	.0	0		8	5	2
CHARLOTTEBURG	AM	60.4	36.3	48.4	- 4.3	81	11	23	14	508	0	0	10	0	6.33	2.56	1.76	23	.0	0		8	4	3
ELIZABETH		65.4	44.6	55.0	- 1.8	85	10	34	14	315	0	0	0	0	7.19	3.88	2.76	23	.0	0		7	5	3
ESSEX FELLS SERV BLDG	AM	61.9	38.9	50.4		84	11	27	6	449	0	0	4	0	6.54		1.86	23	.0	0				3
FLEMINGTON 1 NE		64.9	41.6	53.3	- 2.8	85	10	27	6	366	0	0	6	0	5.32	2.14	1.31	26	.0	0		6	5	3
HIGH POINT PARK	AM	57.5	38.3	47.9		79	11	25	6	524	0	0	8	0	7.78				T	0				
JERSEY CITY		60.8	45.6	53.2	- 3.8	79	17+	35	14+	367	0	0	0	0	5.52	2.54	1.53	25	.0	0		7	4	2
LAMBERTVILLE		65.0	43.0	54.0	- 1.6	85	10	29	6	344	0	0	5	0	4.52	1.53	1.57	1	.0	0		6	5	1
LAYTON 3 NW		64.6	38.4	51.5	- .2	85	10	21	7	417	0	0	7	0	5.29	1.92	1.54	23	.0	0		9	4	2
LITTLE FALLS 1 E	AM	64.0	41.2	52.6	- 3.0	85	11	29	14	384	0	0	4	0	6.93	3.44	2.02	23	.0	0		8	4	3
LONG VALLEY		63.3	40.5	51.9		87	10	25	7	408	0	0	7	0	4.95	1.51	1.60	23	.0	0		6	4	3
MORRIS PLAINS	AM	61.8	39.3	50.6		82	11	26	6	441	0	0	6	0	6.85		1.78	23	.0	0		9	5	3
NEWARK WB AIRPORT	R	63.5	46.4	55.0	- .6	86	10	36	6	323	0	0	0	0	5.48	2.28	1.33	23	.0	0		6	5	3
NEWTON	AM	59.8	37.0	48.4	- 4.5	81	11	25	19	505	0	0	9	0	4.57	1.14	1.09	23	T	0		9	4	1
PATERSON	AM	63.5	42.0	52.8	- 3.5	86	18+	33	14+	378	0	0	0	0	6.28	3.02	1.98	23	.0	0		9	4	2
PHILLIPSBURG		65.4	43.0	54.2	2.0	83	10	30	19+	333	0	0	5	0	3.10	- .39	.91	25	.0	0		6	3	0
PLAINFIELD		63.6	43.2	53.4	- 2.5	84	10	30	6	358	0	0	3	0	7.10	3.78	2.30	23	.0	0		7	5	3
RIDGEFIELD		63.0	44.4	53.7	- 1.9	84	10	32	6	359	0	0	1	0	7.17	3.81	1.68	23	.0	0		6	5	5
SOMERVILLE		64.1	42.4	53.3	- 2.2	84	10	29	6	363	0	0	4	0	6.07	2.79	1.92	26	.0	0		6	4	3
SUSSEX 3 N	//AM	60.3	38.0	49.2	- 4.4	81	11	26	7	485	0	0	10	0	5.36	2.16	1.09	23	T	0		9	5	1
DIVISION				52.0	- 2.7										6.00	2.69			T					
SOUTHERN																								
AUDUBON		66.1	46.3	56.2		86	10	33	6	282	0	0	0	0	5.19		1.51	1	.0	0		6	4	3
BELLEPLAIN		67.1	46.1	56.6		84	10	34	6	265	0	0	0	0	3.18	- .46	1.56	1	.0	0		6	2	1
BURLINGTON		66.2	46.6	56.4	- 1.6	87	10	35	6	274	0	0	0	0	4.67	1.35	1.30	25	.0	0		6	4	2
CLAYTON		66.5	46.4	56.5		83	10	34	6	272	0	0	0	0	5.44		1.70	1	.0	0		8	5	2
FREEHOLD		64.1	44.3	54.2	- 1.9	84	10	31	6	336	0	0	2	0	6.98	3.46	1.80	25	.0	0		7	5	4
HAMMONTON 2 NNE	AM	66.5	44.7	55.6	.3	86	11	34	6	297	0	0	0	0	5.18	1.51	1.46	23	.0	0		6	4	3
HIGHTSTOWN 1 N		64.5	44.0	54.3	- 1.7	85	10	31	6	335	0	0	3	0	6.16	2.89	1.55	26	.0	0		5	4	4
INDIAN MILLS 2 W		65.6	43.4	54.5	- 1.6	86	10	29	6	336	0	0	3	0	4.58	1.23	1.34	1	.0	0		5	5	2
LAURELTON 1 E		64.3	43.3M	53.8M	- 1.7	85	16+	30	7	354	0	0	2	0	8.47	4.56	3.61	25	.0	0		8	4	4
LEESBURG STATE FARM		68.3M	46.5M	57.4M		79	11+	34	7	233	0	0	0	0	3.00		1.35	1	.0	0		7	2	1
MILLVILLE		66.0	45.4M	55.7M		85	11	35	6	285	0	0	0	0	3.69		1.51	1	.0	0		6	3	1
MOORESTOWN		64.2	45.3	54.8	- 1.1	84	10	29	6	326	0	0	1	0	5.04	2.04			.0	0				
NEW BRUNSWICK EXP STA		65.0	44.1	54.6	- 1.6	84	10	31	6	324	0	0	2	0	6.26	3.14	1.73	23	.0	0		5	4	3
PEMBERTON 3 E		66.5	43.0	54.8	- 2.2	86	10	29	6	319	0	0	3	0	5.17	1.95	1.33	1	.0	0		6	4	3
SMILOW		67.0	46.7	56.9	- .4	82	16+	34	6	259	0	0	0	0	4.44	1.32	1.71	1	.0	0		5	4	1
TRENTON 2		62.2M	43.6M	52.9M		84	10	30	6	382	0	0	1	0	4.57	1.32	1.12	22	.0	0		6	5	1
TRENTON WB CITY	R	63.2	46.3	54.8	- 1.3	84	10	34	6	329	0	0	0	0	3.72	1.07	1.20	22	.0	0		5	4	1
TUCKERTON																								
WOODSTOWN		66.8M	45.8M	56.3M		85	10	33	6	275	0	0	0	0	3.86		1.06	1	.0	0		5	3	2
DIVISION				55.4	- 1.2										4.98	1.71			.0					
COASTAL																								
ATLANTIC CITY WB AP		64.3	46.7	55.5	- 1.1	83	10	37	14+	306	0	0	0	0	6.11	3.06	2.49	25	.0	0		5	3	2
ATLANTIC CITY	R	62.8	49.9	56.4	- 1.6	75	10	40	6	266	0	0	0	0	6.71	3.50	3.50	25	.0	0		7	4	1
CAPE MAY 3 W		66.4	50.6	58.5		79	10	37	6	202	0	0	0	0	2.49		1.19	1	.0	0		3	2	1
LONG BRANCH	R	62.4	47.3	54.9	- 1.3	83	16+	37	7	320	0	0	0	0	7.31	3.81	2.91	25	.0	0		7	5	3
SANDY HOOK LBSTA																								
DIVISION				56.3	- 1.7										5.66	2.56			.0					

SUPPLEMENTAL DATA

Station	Wind direction		Wind speed m. p. h.				Relative humidity averages percent				Number of days with precipitation							Percent of possible sunshine	Average sky cover sunrise to sunset
	Prevailing	Percent of time from prevailing	Average	Fastest mile	Direction of fastest mile	Date of fastest mile	1:00 a EST	7:00 a EST	1:00 p EST	7:00 p EST	Trace	.01–.09	.10–.49	.50–.99	1.00–1.99	2.00 and over	Total		
ATLANTIC CITY WB AIRPORT	N	13	11.3	-	-	-	82	85	57	75	3	3	1	1	2	1	11	-	5.5
LONG BRANCH	NW	18	14.5	48	E	22	-	78	66Ø	68	4	3	2	2	2	1	14	61	5.4
NEWARK WB AIRPORT	NNE	15	9.6	29++	NW	1	77	80	58	69	8	4	1	2	3	0	18	- Ø	6.1
TRENTON WB CITY	-	-	9.0	29	W	11	-	-	-	-	2	3	1	3	1	0	10	57	5.5

Ø 12:00 Noon

See Reference Notes Following Station Index

DAILY PRECIPITATION

NEW JERSEY
OCTOBER 1958

Station	Total	Day of month																													
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
ATLANTIC CITY WB AP	6.11	1.26	T	.11	.08									T					T				1.37	.08		2.49	.67		.05			
ATLANTIC CITY R	6.71	.91	.01	.06	.14									T									.61	.47		3.50	.88		.13			
AUDUBON	5.19	1.51		T					T		T				T								1.15	.61		1.39	.42		.11			
BASS RIVER ST FOREST	9.01	1.05	.07																				1.04	.96		*	*	3.89	2.00			
BELLEPLAIN	3.18	1.56			.16																		.90	.23		.16	.13		.04			
BELMAR	-	RECORD MISSING																														
BELVIDERE	-	1.20									T			T									.29	.81		1.03	.52	-	-	-	-	-
BERLIN 1 W	5.81	*	1.75																					1.75	.25		1.00	.36	.70				
BLACKWELLS MILLS	6.37	.32	.84							T		.09			.03		T		.05					1.49	.28	.05	2.31	.78	.09	.04			
BOONTON 2 SE	6.99	.39	.74												.04	.57								1.40	.75	.07	1.58	1.27	.18	T			
BOUND BROOK 1 W	5.67	.44	.81		T							.01			.01	T	T		T					1.80	.22	.06	1.77	.45	.10	T			
BRANCHVILLE	5.19	.35	.78									.02			.04	.26								1.35	.25	.38	1.03	.46	.24	.03			
BURLINGTON	4.67	1.20			.04									T									.80	.81		1.30	.42		.10			
CANISTEAR RESERVOIR	4.90	.42	.54										T		.04	.22								1.35	.36	.25	.78	.73	.12	.09			
CANOE BROOK	6.61	.79	.37													.22			.04					2.03	.82	.06	1.28	.85	.13	.02			
CANTON	3.73	.30	.71		.07																		.18	1.64		.51	.22	.08	.02			
CAPE MAY 3 W	2.49	1.19										.03											.98	.15	.01	.04	.07		.02			
CEDAR GROVE	7.94	.43	.49									.05				.44								2.60	.46	.05	2.00	1.21	.17	.04			
CHARLOTTEBURG	6.33	.32	.68							.02					.06	.25								1.76	.45	.25	1.05	1.37	.08	.04			
CHATHAM	6.68	.36	.60									.08				.21								1.92	1.10	.10	1.26	.90	.15	T			
CLAYTON	5.44	1.70								.12				T									.55	.91		1.05	.91	.10	.10			
CLINTON	4.29	.89									.08			T		.05							.42	1.18		.43	1.12	T	.12			
DEEPWATER	3.45	1.10																					.81	.82		.57	.15					
ELIZABETH	7.19	1.00				.01						.01	.01	.01	.01	.15			T				.74	2.76		1.35	.99	.05	.10			
ELIZABETHPORT	6.64	.84												T	.12								1.33	1.81		1.74	.70	.02	.08			
ESSEX FELLS SERV BLDG	6.54	*	.92							.03		.02				.13								1.86	.43		1.80	1.32	.01	.02			
FLEMINGTON 1 NE	5.32	1.12	T							T				.02		.09			.05				.91	1.04	.02	.55	1.31	.04	.17			
FORTESCUE	2.93	1.10	.14	.05																			.15	1.12			.30		.07			
FREEHOLD	6.98	1.29			.08									.03		.10							.63	1.59		1.80	1.35	T	.11			
GREENWOOD LAKE	5.64	.19	.65									.04			.02	.11								1.97	.43	.25	.83	.93	.11	.09	.02		
HAMMONTON 2 NNE	5.18	.56	1.22		.20					.02														1.46	.06	.02	1.39	.15	.08	.02			
HIGH POINT PARK	7.78	*	1.40									.07			*	2.60								1.30	.23	.52	.50	.90	.23	.03			
HIGHTSTOWN 1 N	6.16	1.32			.02						T			T		.09			T				.45	1.44		1.21	1.55	T	.08			
INDIAN MILLS 2 W	4.58	1.34			.07				T					T	T								1.06	.61		.87	.54		.09			
IRVINGTON	5.91	.99										.01		.03	.06	.07							1.38	1.39		1.18	.69	.05	.06			
JERSEY CITY	5.52	.98									.01			.01	.12	.14		.12						1.52		1.53	.95	.05	.09			
LAMBERTVILLE	4.52	1.57								.02	.05	.02		T			.02						.57	.82		.52	.56		.37			
LAURELTON 1 E	8.47	1.10			.11	.10									T	.06						T	1.33	.49	T	3.61	1.54		.13			
LAYTON 3 NW	5.29	1.10									.21			.07		.25							.18	1.54	.03	.65	.76	.25	.25			
LEESBURG STATE FARM	3.00	1.35	.05		.13																		.81	.22		.20	.14		.10			
LITTLE FALLS 1 E	6.93	.71	.37							.01		.03	.01		.01	.24								2.02	.45	.05	1.63	1.16	.21	.03			
LONG BRANCH R	7.31	1.11		.05	.06				T					.02	.10			T				T	1.31	.69		2.91	.95	T	.11			
LONG VALLEY	4.95	1.00									.15			.02	.05									1.60		.85	1.08	.05	.15			
MACOPIN INTAKE	7.72	.72	.50												.05	.29								2.25	.49	.50	1.35	1.42	.11	.04			
MANWAH	5.63	.41	.54													.20								1.70	.22	.11	1.25	.95	.22	.03			
MANVILLE	6.91	1.45												.05	.02			T					.82	1.41		1.30	1.80	.06				
MARLTON 1 W	4.58	1.41			.05				.03														1.39	.20		.90	.48		.12			
MAYS LANDING	2.97	1.36														.05							.74	.25		.12	.25		.25			
MIDLAND PARK	5.97	1.07									.03			.03	.15			.02					.92	1.15		1.25	1.08	.21	.06			
MILLVILLE	3.69	1.51		.12	.02																		.72	.80		.33	.16		.03			
MILTON	5.06	.84	.34											.05		.39								1.63	.25	.38	.94	.18		.06			
MOORESTOWN	5.04	.61	.90							.03					T	T							.01	1.57	.03	*	*	1.76	.13			
MORRIS PLAINS	6.85	.51	.64									.15	T	T	.02	.23			.05					1.78	.41	.31	1.47	1.18	.09	.01	T		
NEWARK WB AIRPORT R	5.48	.72		T	T				T	T	T	T		.01	.06	.13		T					1.29	1.33		1.20	.71	.03	.09	T		
NEW BRUNSWICK EXP STA	6.26	.96		T							.08			T	T	.03		.04					.47	1.73		1.36	1.47	.05	.07	T		
NEW MILFORD	4.72	.80													.04								.50	.96		1.46	.92		.04			
NEWTON	4.57	.46	.58									.01	.02		.02	.24								1.09	.20	.61	.73	.38	.22	.01			
OAK RIDGE RESERVOIR	6.03	.38	.79												.15	.30								1.53	.49	.26	.93	.91	.17	.12			
OLDWICK	4.78	.40	.54							T		.02			.04	.01								1.60	.11	.28	1.44	.23	.11	T			
ORANGE	7.06	1.35	.08																				*	3.38		*	*	2.16	.09			
PATERSON	6.28	.20	.67							T		T			.01	.15			.02					1.98	.42	.26	1.48	.94	.14	.01			
PEMBERTON 3 E	5.17	1.33			.09																		1.19	.83		1.17	.39		.17			
PHILLIPSBURG	3.10	.78										.04											T	.77		.91	.19	.19	.22			
PHILLIPSBURG BRIDGE	3.90	*	.83											.11	T									1.10	.04		*	1.66	.16			
PLAINFIELD	7.10	1.17			T				T		T			.01	T	.18		T					.98	2.30		.69	1.45	T	.12			
PLEASANT RUN	5.23	.42									T				.21	.07	T							1.74	.23	.24	1.90	.27	.11	.04			
PRINCETON WATER WORKS	5.08	.92												T	.12			.07					1.05	.88		.85	1.05	.05	.09			
RAMWAY	7.37	1.23		T							T				.11			T					1.28	2.27		1.52	.85	.11				
RIDGEFIELD	7.17	1.16									T	.03		.01	T	.09		.03					1.06	1.68		1.49	1.45	.03	.14	T		
RINGWOOD	5.77	.63	.31												.02	.15								1.53	.06	.45	1.31	1.16	.13	.02			
SANDY HOOK LBSTA		RECORD MISSING																														
SHILOH	4.44	1.71	T		.09	.01			T	T													.80	.71	T	.68	.22	T	.02			
SOMERVILLE	6.07	1.41												T									.45	1.17		.97	1.92	.01	.14			
SPLIT ROCK POND	7.25	.86	.55												.05	.45								1.95	.25	.40	1.48	1.10	.13	.03			
SUSSEX JN //	5.36	.25	.84									.01			.08	.25								1.09	.38	.82	.61	.78	.21	.09	T		
SWEDESBORO 5 NW	5.35	1.56	.08		.04																		.12	2.10		.95	.46	T	.04			
TOMS RIVER	8.42	1.48		.25																			.62	1.29		2.63	1.95					
TRENTON 2	4.57	.97		T	T				.02					.03									1.12	.87		.69	.71	.05	.11			
TRENTON WB CITY R	3.72	.75							T					.02	T								1.20	.56		.63	.47	.02	.07			
TUCKERTON		RECORD MISSING																														
VINELAND	3.32	.36	1.12		.16																		T	.85	.12	.01	.45	.22	.03	T		
WAMAQUE RAYMOND DAM	5.92	.48	.59												T	.15								1.86	.30	.12	1.17	1.36	.07	.02			
WERTSVILLE	5.96	.75	.80	T						.01		.07	T		T	.15			.02	T				1.73	.02	.90	1.04	.27	.18	.92			
WESTFIELD	7.73	1.20											T		.17								1.30	2.79		1.15	1.15		.06			
WOODCLIFF LAKE	5.38	.85													.11								.77	1.22	.02	1.30	1.02	.06	.03			
WOODSTOWN	3.86	1.06			.08				T						T								.45	1.02		.85	.35		.05			

See Reference Notes Following Station Index

DAILY TEMPERATURES

Station		Day Of Month																													Average
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
ATLANTIC CITY WB AP	MAX	68	58	59	66	73	55	66	73	75	83	65	59	58	57	76	82	80	65	61	62	58	63	72	73	56	47	54	49	56	58	65	64.3
	MIN	51	44	53	50	42	37	38	49	55	57	47	42	39	37	52	57	60	43	40	45	49	57	63	56	47	41	38	42	39	38	40	46.7
ATLANTIC CITY	MAX	68	58	60	64	72	55	64	72	71	75	65	59	57	58	72	68	74	67	60	60	58	63	69	72	57	49	54	50	56	58	63	62.8
	MIN	52	49	55	54	44	40	46	53	56	60	51	43	45	42	57	60	60	50	46	54	53	58	61	57	48	41	41	44	42	42	43	49.9
AUDUBON	MAX	68	63	62	70	73	60	71	72	80	86	66	61	57	57	78	83	81	69	62	66	61	61	71	74	59	49	52	50	60	60	67	66.1
	MIN	52	43	51	50	46	33	35	47	56	57	51	44	40	38	53	54	54	46	38	42	41	52	60	54	48	40	39	43	45	42	40	46.3
BELLEPLAIN	MAX	68	58	58	70	73	68	69	73	75	84	76	63	62	38	79	80	80	74	62	63	60	61	70	74	72	57	58	53	58	59	66	67.1
	MIN	51	45	52	52	51	34	35	46	55	53	46	44	37	38	52	53	59	47	36	43	50	54	61	57	48	40	36	40	37	40	38	46.1
BELVIDERE	MAX	64	64	60	71	70	68	70	74	78	84	70	68	53	50	72	82	79	70	63	66	60	59	63	74	66	50						67.2
	MIN	48	34	40	45	45	30	31	42	60	53	39	40	42	32	40	49	53	46	38	32	37	48	55	51	45	37						42.8
BOONTON 2 SE	MAX	64	63	60	58	69	65	54	64	68	75	80	57	55	46	51	68	77	74	60	62	64	55	58	61	74	48	42	46	46	52	56	60.4
	MIN	40	33	33	43	44	26	27	30	44	50	50	41	40	27	29	47	50	48	30	31	36	37	50	50	48	36	37	39	41	42	35	39.2
BURLINGTON	MAX	68	62	61	69	72	62	70	71	79	87	78	60	58	55	77	84	81	66	61	65	60	59	67	74	68	50	51	50	57	61	68	66.2
	MIN	53	43	50	52	50	35	36	48	54	57	52	44	43	37	51	49	57	49	40	43	41	53	57	55	50	40	41	43	44	40	38	46.6
CANOE BROOK	MAX	65	67	60	60	69	67	57	67	70	79	84	62	58	49	53	70	81	80	62	62	63	56	59	63	74	48	43	48	47	53	58	62.4
	MIN	44	34	37	45	47	25	30	35	46	51	47	42	38	30	32	47	48	40	29	29	31	34	51	50	49	38	38	42	40	42	41	39.7
CAPE MAY 3 W	MAX	68	68	61	65	72	65	66	74	72	79	72	65	63	61	75	73	77	70	64	64	61	64	68	68	68	58	58	56	58	61	63	66.4
	MIN	52	48	52	49	46	37	43	55	57	58	56	48	44	46	55	58	59	57	44	46	52	56	60	58	54	44	45	46	47	48	50	50.6
CHARLOTTEBURG	MAX	63	63	61	58	68	65	55	65	69	79	81	58	55	47	51	70	79	78	58	62	64	54	58	62	72	45	39	46	45	48	55	60.4
	MIN	35	29	30	37	43	27	25	25	41	48	46	39	37	23	25	44	44	47	25	27	35	35	47	55	45	33	33	37	37	38	32	36.3
CLAYTON	MAX	68	61	60	67	70	69	67	71	77	83	78	68	60	57	75	82	79	71	61	64	61	62	70	72	68	57	51	51	58	59	66	66.5
	MIN	53	43	51	51	50	34	36	45	56	56	48	43	40	41	49	56	57	49	38	41	43	53	60	56	49	41	37	39	43	41	40	46.4
ELIZABETH	MAX	66	63	62	71	71	59	70	70	78	85	75	62	54	57	72	82	82	70	65	67	60	60	65	76	62	48	48	48	54	60	64	65.4
	MIN	50	38	48	47	47	35	35	46	52	55	50	41	43	34	49	51	55	46	40	40	40	51	55	55	47	38	40	40	41	36	37	44.6
ESSEX FELLS SERV BLDG	MAX	62	64	61	58	64	69	56	67	70	79	84	60	58	60	50	68	80	74	60	61	68	59	63	64	70	50	42	44	45	53	56	61.9
	MIN	42	34	36	38	41	27	30	39	49	55	47	40	36	28	28	47	48	42	35	36	34	35	40	49	46	37	36	36	38	38	40	38.9
FLEMINGTON 1 NE	MAX	65	63	60	69	68	61	67	73	80	85	73	58	53	53	75	83	81	79	63	65	58	59	63	73	60	48	48	48	54	59	68	64.9
	MIN	53	33	42	45	43	27	28	38	55	51	48	39	36	29	48	46	54	42	28	30	36	51	56	49	48	38	40	40	44	40	32	41.6
FREEHOLD	MAX	62	60	59	68	70	60	67	71	76	84	80	57	54	54	72	81	80	75	60	63	57	57	67	73	61	49	48	47	52	58	65	64.1
	MIN	51	40	45	51	50	31	34	44	52	55	48	41	40	32	49	49	56	45	34	38	43	52	56	55	48	38	40	41	40	37	39	44.3
HAMMONTON 2 NNE	MAX	67	67	65	62	70	73	62	72	75	80	86	66	61	57	57	79	84	82	67	63	65	60	65	74	74	61	46	53	54	57	59	66.5
	MIN	51	43	43	51	51	34	36	39	48	57	45	41	40	36	40	54	57	54	37	41	43	44	56	56	53	40	38	39	42	38	40	44.7
HIGH POINT PARK	MAX	60	52	60	53	66	65	50	61	65	74	79	55	52	41	54	63	77	76	60	60	57	54	54	56	74	46	37	40	41	45	54	57.5
	MIN	45	32	39	44	47	25	29	35	48	55	40	35	36	31	36	53	51	41	29	36	33	38	42	51	40	31	31	32	34	34	34	38.3
HIGHTSTOWN 1 N	MAX	66	59	59	70	70	56	71	72	79	85	76	60	51	53	73	82	80	72	62	63	56	56	66	73	67	49	48	48	55	59	65	64.5
	MIN	52	38	44	50	49	31	32	43	55	56	48	41	39	32	49	48	55	46	33	37	39	51	56	54	49	39	40	42	42	37	38	44.0
INDIAN MILLS 2 W	MAX	67	63	60	67	72	58	68	76	79	86	74	57	55	55	78	84	82	68	64	65	61	60	72	73	58	49	52	50	56	59	65	65.6
	MIN	50	40	47	51	48	29	30	40	53	54	43	41	33	31	49	53	56	40	33	37	43	54	60	53	49	39	34	42	40	35	39	43.4
JERSEY CITY	MAX	65	59	58	66	68	52	60	67	75	78	63	57	50	52	66	79	79	62	59	61	55	57	63	70	55	43	47	46	50	58	65	60.8
	MIN	49	42	45	51	41	35	39	44	56	60	52	40	40	35	50	54	60	49	40	41	42	50	55	53	44	38	40	42	42	42	42	45.6
LAMBERTVILLE	MAX	65	64	60	70	70	57	69	70	80	85	72	60	57	53	75	82	80	74	60	66	58	56	64	74	66	49	48	50	55	60	66	65.0
	MIN	51	35	45	47	44	29	32	43	56	55	48	42	38	31	50	50	51	41	31	31	36	52	55	50	48	39	40	42	44	35	42	43.0
LAURELTON 1 E	MAX	66	60	60	65	74	55	66	73	77	85	67	62	53	57	72	85	83	68	61	62	57	60	70	76	54	47	51	46	53	61	67	64.3
	MIN	45	39	53	49		32	30	40	51	53	46	36	36	34	50	50	55	37	33	37	48	55	00	54	47	39	39	39	37	38	38	43.3
LAYTON 3 NW	MAX	63	60	60	68	65	65	64	73	84	85	70	56	51	48	70	81	80	78	62	65	60	65	62	75	65	48	55	47	55	57	66	64.6
	MIN	48	31	33	44	39	34	21	36	53	51	42	45	42	29	42	47	46	34	23	23	27	37	47	50	43	34	42	36	42	38	30	38.4
LEESBURG STATE FARM	MAX	68	66	58	65	68	69	67	72	72	79	79	77	69	58	75	77	76	78	75	73	68	63	70	73	71	54	54	57	59	60		68.3
	MIN	50	47	50	51	51	38	34	48	54	55	46	43	36	39	51	50	54	48	37	45	47	54	60	64	48	40	36	40	41	39		46.5
LITTLE FALLS 1 E	MAX	66	67	63	61	72	69	59	68	72	81	85	62	60	50	54	71	84	81	66	65	66	58	59	63	77	49	44	49	48	54	60	64.0
	MIN	46	36	39	40	44	30	31	38	48	53	49	41	41	29	35	49	52	44	32	34	39	42	53	52	48	38	37	40	41	40	35	41.2
LONG BRANCH	MAX	67	58	59	66	70	54	63	68	75	83	63	58	50	58	75	83	81	63	58	60	55	59	63	71	55	48	49	46	53	58	65	62.4
	MIN	50	49	54	53	45	38	37	45	56	58	49	43	42	41	52	50	58	50	44	46	47	57	57	55	48	40	40	40	40	40	43	47.3
LONG VALLEY	MAX	62	61	58	68	67	62	65	70	77	87	74	57	50	51	74	80	78	70	62	64	55	54	62	72	65	47	45	47	51	61	66	63.3
	MIN	48	32	45	42	45	26	25	37	52	58	51	41	42	26	42	46	48	43	26	27	37	48	54	49	45	34	38	39	40	39	30	40.5
MILLVILLE	MAX	68	68	62	60	68	73	60	69	74	77	85	66	60	61	57	78	83	81	68	64	66	62	66	69	72	53	48	55	52	59	61	66.0
	MIN	49	47	46	52	50	35	38	41	49	54	45	46	41	42	42	43	52	51	42	46	39		47	57	51	42	41	45	44	43	41	45.4
MOORESTOWN	MAX	67	62	59	67	72	58	69	71	78	84	64	59	55	54	76	82	79	66	62	65	59	61	70	73	52	46	50	48	57	60	66	64.2
	MIN	46	41	49	49	40	29	33	44	56	57	51	39	37	35	52	55	57	44	36	41	42	54	60	56	45	40	42	42	44	45	42	45.3
MORRIS PLAINS	MAX	64	64	60	58	71	67	56	66	72	81	82	60	59	48	51	70	80	78	62	63	64	54	57	61	76	46	41	46	48	54	58	61.8
	MIN	42	35	38	45	43	26	29	35	42	51	48	40	39	27	31	47	49	44	29	32	38	40	49	52	46	35	35	39	40	40	33	39.3
NEWARK WB AIRPORT	MAX	67	61	61	71	70	56	65	71	76	86	63	60	51	55	68	84	81	65	61	64	58	58	65	74	55	45	49	47	54	59	67	63.5
	MIN	50	44	49	54	42	36	38	47	57	58	50	44	40	38	51	54	57	50	41	42	41	51	57	54	44	39	41	43	44	41	41	46.4
NEW BRUNSWICK EXP STA	MAX	66	60	58	68	70	64	66	69	78	84	80	61	59	54	71	81	80	77	60	63	59	58	65	72	71	48	47	48	52	60	65	65.0
	MIN	50	38	46	49	49	31	32	44	54	55	49	41	40	33	48	49	55	47	37	40	40	50	54	55	46	37	39	41	41	38	39	44.1
NEWTON	MAX	64	55	60	58	68	64	56	65	70	77	81	57	55	46	48	66	77	77	59	60	62	57	57	58	71	47	41	46	45	51	57	59.8
	MIN	40	31	35	39	40	29	27	31	41	52	44	40	35	29	31	43	49	42	25	26	35	36	45	49	45	36	36	32	33	35	37	37.0
PATERSON	MAX	65	65	62	60	72	70	56	68	70	78	86	68	59	50	55	69	83	86	65	63	65	56	59	64	76	48	43	49	48	54	58	63.5
	MIN	46	37	38	42	48	33	35	37	49	55	48	42	44	33	35	45	52	44	38	38	38	39	50	56	45	36	37	41	41	40	40	42.0
PEMBERTON 3 E	MAX	68	63	61	69	73	58	69	74	80	86	76	63	61	56	76	84	82	71	63	65	59	59	73	75	64	51	50	51	56	60	65	66.5
	MIN	51	41	45	52	46	29	31	42	56	53	39	39	34	32	49	48	50	43	34	36	38	52	58	52	49	39	39	42	41	38	36	43.0
PHILLIPSBURG	MAX	65	63	58	68	68	68	65	72	78	83	82	59	56	49	75	82	81	78	60	65	65	57	61	72	72	50	48	48	57	62	61	65.4
	MIN	51	36	41	44	49	30	32	41	55	52	47	43	40	31	48	50	47	45	30	31	35	51	53	55	46	45	38	40	45	41	42	43.0
PLAINFIELD	MAX	65	64	60	70	70	57	68	70	79	84	63	62	50	53	70	83	81	67	65	66	58	57	64	75	50	42	48	49	53	62	68	63.6
	MIN	50	36	45	47	48	30	32	41	53	55	48	39	40	31	49	50	50	44	34	37	39	49	55	56	49	39	40	40	42	38	34	43.2
RIDGEFIELD	MAX	65	62	60	69	69	59	68	69	77	84	62	59	50	54	68	81	81	61	62	65	57	58	64	73	54	44	50	48	55	57	67	63.0
	MIN	44	37	46	50	41	32	35	45	56	58	48	43	36	33	50	52	58	44	35	40	41	51	58	53	44	39	43	42	43	39	39	44.4
SANDY HOOK L8STA	MAX																																
	MIN																																

See Reference Notes Following Station Index

DAILY TEMPERATURES

Station		Day Of Month																													Average
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
SHILOH	MAX	71	62	60	68	72	68	69	70	78	82	78	64	60	57	76	82	80	74	61	65	63	63	69	73	68	53	55	52	59	61	65	67.0
	MIN	51	44	52	51	50	54	38	40	55	56	46	42	43	41	51	54	57	51	40	42	42	53	62	55	51	41	39	43	42	41	41	46.7
SOMERVILLE	MAX	64	69	59	69	69	56	67	70	78	84	74	59	54	52	71	82	80	72	61	64	57	56	64	72	63	47	47	48	54	59	66	64.1
	MIN	51	38	44	43	44	29	31	40	54	53	46	43	39	30	50	49	50	40	30	34	38	52	56	52	47	38	40	41	41	39	34	42.4
SUSSEX 3 N	MAX	64	64	60	59	68	63	57	65	70	77	81	60	55	46	48	65	78	76	60	62	62	61	59	59	73	47	40	41	46	49	55	60.3
	MIN	39	32	32	37	45	27	26	30	41	53	43	41	41	29	32	46	51	47	28	30	32	34	45	53	45	35	33	37	37	36	37	38.0
TRENTON 2	MAX	66	60	61	69	70	57	67	71	77	84	64	58	55	54								59	65	72	58	47	49	50	55	60	65	62.2
	MIN	47	38	47	48	41	36	34	44	57	57	48	40	39	33	51							50	56	54	44	36	39	40	41	37	39	43.6
TRENTON WB CITY	MAX	67	59	59	67	69	56	67	71	78	84	62	58	54	54	75	81	80	65	59	63	56	60	66	72	55	44	49	48	55	59	60	63.2
	MIN	48	42	49	51	40	34	39	48	60	59	49	44	40	36	53	52	58	48	42	43	41	52	58	55	43	38	41	42	45	42	43	46.3
TUCKERTON	MAX																																
	MIN																																
WOODSTOWN	MAX	68	62	61		73	63	68	70	79	85	79	64	60	57	76	83	80	73	61	66	62	62	68	73	68	53	54	51	60	61	65	66.8
	MIN	52	43	52		48	33	36	46	53	57	49	44	38	40	51	52	56	46	38	41	43	53	60	52	50	38	38	44	43	39	38	45.8

EVAPORATION AND WIND

Station		Day of month																													Total or Avg
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
ATLANTIC CITY WB AIRPORT	EVAP	-	.13	.06	*	*	.49	.06	.06	.09	.14	-	-	-	.06	.11	.19	.14	-	.06	.24	.03	-	-	-	-	-	.07	.05	.07	.17	.11	-
	WIND	163	79	60	79	79	117	65	35	63	57	168	169	47	48	55	60	69	114	55	91	144	160	77	90	104	219	54	69	119	122	80	2951
	MAX	69	59	59	72	74	66	73	75	79	75	75	63	56	64	79	61	81	70	65	66	61	65	74	75	-	-	54	52	53	60	63	67.5
	MIN	55	47	53	55	52	-	40	56	59	56	49	42	43	38	52	57	62	51	42	45	48	61	62	61	55	44	36	45	41	42	41	49.8
CANOE BROOK	EVAP	-	-	.08	.06	.06	-	-	.07	.01	.09	.02	.11	.15	.02	.05	.04	.10	.12	.10	.07	.08	.06	-	-	.11	-	-	-	-	.10	.07	-
	WIND	32	16	14	10	15	39	14	17	5	6	41	76	29	4	4	6	17	25	27	4	12	66	44	3	31	70	41	5	31	74	4	766

DAILY SOIL TEMPERATURES

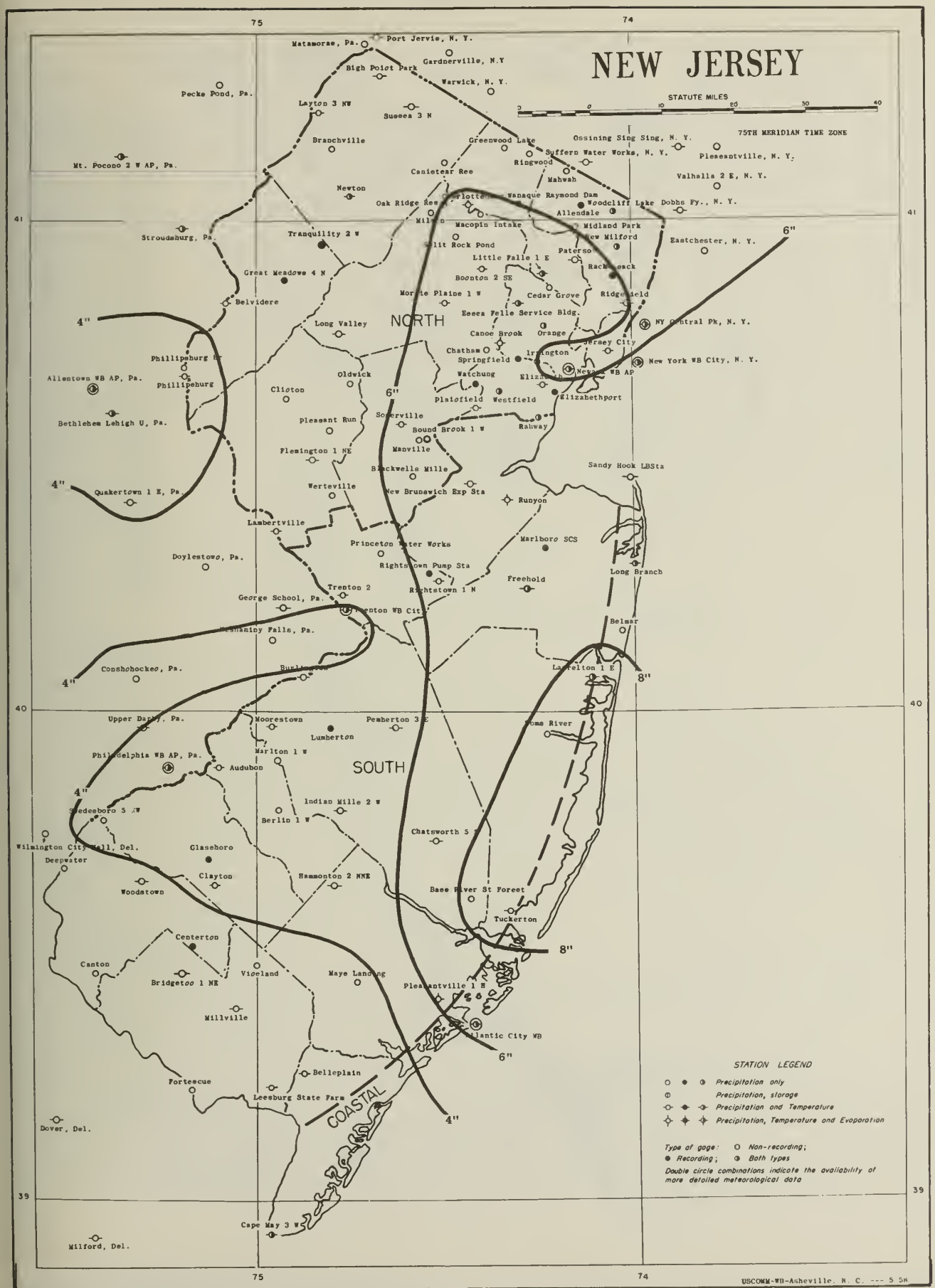
Station And Depth		Day of month																													Average
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
NEW BRUNSWICK EXP STATION																															
MEASURED UNDER SOD																															
1 INCH	MAX	65	64	62	67	67	63	62	67	72	73	63	64	57	56	66	70	70	67	63	60	56	56	62	68	60	53	53	53	52	55	56	60.1
	MIN	56	54	58	59	56	51	50	52	60	62	57	53	52	49	55	56	60	54	50	50	50	54	56	56	53	50	50	50	50	48	48	53.6
2 INCHES	MAX	65	63	62	67	66	62	62	63	66	70	63	61	57	55	63	66	67	63	60	59	56	57	61	65	60	54	52	53	52	53	54	60.6
	MIN	60	56	58	60	58	53	51	55	60	62	57	55	53	50	55	58	60	56	52	52	52	54	58	59	54	51	51	51	50	49	46	54.8
4 INCHES	MAX	64	63	62	67	65	61	62	63	67	70	63	61	57	55	63	66	67	63	60	58	56	57	61	65	60	55	52	53	52	53	54	60.5
	MIN	60	56	56	60	56	54	52	55	60	62	56	55	53	51	55	56	60	56	53	52	52	55	58	59	55	51	51	51	50	50	49	55.2
6 INCHES	MAX	64	63	62	64	64	62	60	61	64	67	63	61	59	57	60	63	63	62	60	56	56	57	60	63	61	57	54	54	53	53	53	59.5
	MIN	63	60	60	61	61	56	56	57	61	64	60	56	57	55	56	59	61	60	57	55	56	56	57	60	57	54	53	53	52	51	52	57.2
16 INCHES	MAX	65	65	63	64	64	64	61	61	63	64	64	62	61	60	59	62	62	62	60	59	56	56	60	60	61	59	56	56	55	55	54	60.6
	MIN	64	62	62	62	63	61	59	60	61	63	62	61	60	56	56	59	61	62	60	56	57	57	56	59	59	56	55	54	54	53	53	59.2
32 INCHES	MAX	66	66	65	64	65	64	64	63	62	63	63	63	62	62	61	61	61	61	61	60	80	59	60	60	60	60	59	58	58	57	56	61.5
	MIN	66	65	64	64	64	63	62	62	62	62	63	62	62	60	60	60	61	61	61	60	60	59	59	59	60	59	58	57	56	56	56	60.8

Measured under Kentucky Bluegrass. Instrumentation: Copper-constantan Thermocouples connected to a Brown Electronik Potentiometer.

See Reference Notes Following Station Index

TOTAL PRECIPITATION

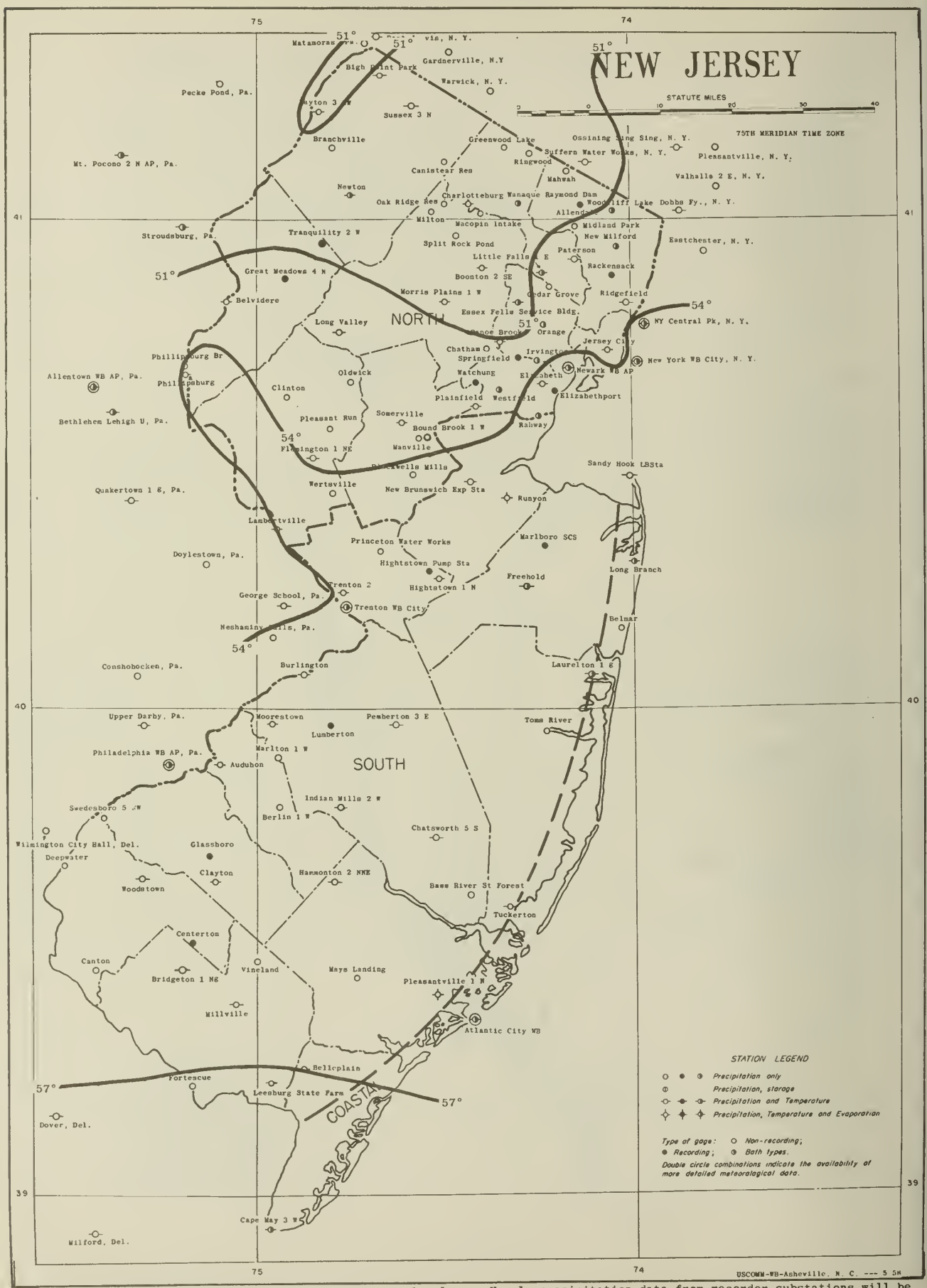
NEW JERSEY
OCTOBER 1958



Isolines are drawn through points of approximately equal values. Hourly precipitation data from recorder substations will be available in the publication "Hourly Precipitation Data".

AVERAGE TEMPERATURE

NEW JERSEY
OCTOBER 1958



Isolines are drawn through points of approximately equal values. Hourly precipitation data from recorder substations will be available in the publication "Hourly Precipitation Data".

STATION INDEX

STATION	INDEX NO.	COUNTY	DRAINAGE ‡	LATITUDE	LONGITUDE	ELEVATION	OBSERVATION TIME AND TABLES: TEMP.	PRECIP.	EVAP.	SPECIAL (SEE NOTES)	OBSERVER
ALLENDALE	0100	BERGEN	8	41 02	74 08	219				C	BERGEN COUNTY ENGS
ATLANTIC CITY WB AP	0311	ATLANTIC	1	39 27	74 35	58	NID	NID	NID	C HJ	U.S. WEATHER BUREAU
# ATLANTIC CITY	0525	ATLANTIC	1	39 25	74 26	19	NID	NID		M	STATE MARINA
AUDUBON	0346	CAMDEN	2	39 54	75 04	59	11P	11P			IRVIN J. MYGREN
BASS RIVER S7 FOREST	0528	BURLINGTON	1	39 57	74 26	29		6P		M	N.Y. FORESTRY SVC
BELLEPLAIN	0800	CAPE MAY	1	39 16	74 52	40	5P	5P			NRS. ED C. HOFFNAN
BELMAR	0721	MONMOUTH	1	40 10	74 02	10		MID			CITY WATER DEPT
BELVIDERE	0729	WARREN	2	40 50	75 05	289	5P	5P		M	NISS C. S. MILSON
BERLIN 1 W	0787	CAMDEN	7	39 48	74 57	159		7A			SAMUEL M. MC CULLEY
BLACKWELLS MILLS	0847	SOMERSET	10	40 29	74 35	27		7A			HENRY N. MILLER
BOONTON 2 SE	0907	MORRIS	8	40 54	74 24	289	8A	8A			JERSEY CITY WTR WKS
BOUND BROOK 1 W	0927	SOMERSET	10	40 33	74 33	20		8A			AMERICAN CYANAMID CO
BRANCHVILLE	0978	SUSSEX	2	41 09	74 45	579		7A			ALBERT N. DAVENPORT
BURLINGTON	1211	BURLINGTON	2	40 04	74 53	12	8P	8P			PUBLIC SVC E + G CO
CANISTEAR RESERVOIR	1327	SUSSEX	8	41 07	74 50	1040		8A			NEWARK WATER DEPT
CAMOE BROOK	1335	ESSEX	8	40 45	74 21	180	9A	9A	9A		COMMONWEALTH WTR CO
CANTON	1343	SALEM	2	39 28	75 25	29		9A			GERTRUDE S. WILLIS
CAPE MAY 5 W	1351	CAPE MAY	1	38 56	74 57	17	5P	5P		C	N.WEST NAGNESITE CO
CEDAR GROVE	1472	ESSEX	8	40 52	74 13	409		8A			J. A. PLUNKETT
CENTERTON	1512	SALEM	8	39 51	75 19	89				C	JOHN HOPKINS UNI.
CHARLOTTEBURG	1582	PASSAIC	8	41 03	74 26	760	TA	TA		M	NEWARK WATER DEPT
CHATHAM	1590	MORRIS	8	40 44	74 23	185		8A			EDWARD P. MOLITOR
CHATSWORTH 5 S	1598	BURLINGTON	1	39 44	74 32	90	5P	5P			INACTIVE 5/58
CLAYTON	1703	GLOUCESTER	6	39 39	75 06	120	8P	8P		M	HARRY P. CAMPBELL
CLINTON	1749	HUNTERDON	19	40 38	74 55	300		6P			L. W. KLOCKNER
DEEPWATER	2209	SALEM	2	39 41	75 30	12		MID			DU PONT DE NEMOURS
ELIZABETH	2644	UNION	1	40 40	74 14	33	5P	5P			UNION CO PARK COMM
ELIZABETHPORT	2852	UNION	8	40 39	74 12	39		NID		C	SEWAGE TREATMENT PL
ESSEX FELLS SERV BLDG	2768	ESSEX	8	40 59	74 18	250	8A	8A		C	BOROUGH ESSEX FELLS
FLEMINGTON 1 NE	3029	HUNTERDON	10	40 31	74 51	134	5P	5P		M	DONALD YOUNG
FORTESCUE	3192	CUMBERLAND	2	39 14	75 19	5		TA			JOHN LOPER
FREEHOLD	3181	MONMOUTH	10	40 15	74 17	194	6P	8P		C M	FRANK J. MOREAU
GLASSBORO	3291	GLOUCESTER	2	39 42	75 07	150				C	PROF. J. B. SANGREE
GREAT MEADOWS 4 N	3416	WARREN	2	40 56	74 55	540				C	GAMMA CHEMICAL CORP.
GREENWOOD LAKE	3516	PASSAIC	8	41 09	74 29	660		TA			GEORGE T. WIGGINS
HACKENSACK	3572	BERGEN	4	40 55	74 03	10				C	BERGEN COUNTY ENGS
HAMMONTON 2 NNE	3662	ATLANTIC	T	39 39	74 48	85	8A	8A			W. HUBBARD PARKHURST
HIGH POINT PARK	3955	SUSSEX	2	41 18	74 49	1570	8A	8A			N. J. DEPT. OF CONS.
HIGHTSTOWN 1 N	3951	MERCER	10	40 16	74 31	100	8P	8P		N	JAMES R. PICKERING
HIGHTSTOWN PUMPING STA	3956	MERCER	10	40 17	74 32	75				C	DEPT WATER + SEWAGE
INDIAN MILLS 2 W	4229	BURLINGTON	7	39 48	74 47	100	7P	7P		M	EDWARD ENTWISTLE
IRVINGTON	4280	ESSEX	1	40 43	74 15	120		NID		C	JOINT MEETING GARAGE
JERSEY CITY	4339	HUDSON	1	40 44	74 04	135	MID	MID			JERSEY CITY WTR DEPT
LAMBERTVILLE	4635	HUNTERDON	2	40 22	74 57	75	6P	6P		M	E. E. CASE
LAURELTON 1 E	4700	OCEAN	1	40 04	74 07	20	NID	NID		C M	GEORGE G. WADDILL
LAYTON 3 NW	4735	SUSSEX	2	41 15	74 51	480	8P	6P		M	A. N. DEPUE
LEESBURG STATE FARM	4762	CUMBERLAND	6	39 14	74 58	10	4P	4P			LEESBURG STATE FARM
LITTLE FALLS 1 E	4887	PASSAIC	8	40 53	74 14	157	9A	9A		C M	PASSAIC VLY WTR COMM
LONG BRANCH	4987	MONMOUTH	1	40 18	73 59	34	MID	MID		C HJ	STORM WARN. DSPL STA
LONG VALLEY	5003	MORRIS	10	40 48	74 46	660	8P	6P		M	ARTNUR BARKMAN
LUMBERTON	5055	BURLINGTON	2	39 58	74 48	25				C	JAMES LAWTON
NACOPIN INTAKE	5071	PASSAIC	8	41 01	74 24	584		9A			NEWARK WATER DEPT
NAHWAH	5104	BERGEN	8	41 06	74 10	253		7A			ROBERT G. GLASGOW
NANVILLE	5197	SOMERSET	10	40 33	74 34	50		MID			JOHN L. RADCLIFFE
NARLBORO SCS	5244	MONMOUTH	1	40 20	74 14	120				C	GEROW BRILL

STATION	INDEX NO.	COUNTY	DRAINAGE ‡	LATITUDE	LONGITUDE	ELEVATION	OBSERVATION TIME AND TABLES: TEMP.	PRECIP.	EVAP.	SPECIAL (SEE NOTES)	OBSERVER
NARLTON 1 W	5252	BURLINGTON	2	39 54	74 57	90		6P			DAVID GRISCON
NAYS LANDING	5346	ATLANTIC	3	39 27	74 44	50		5P		M	ELMER EARLE
NIDLAND PARK	5503	BERGEN	1	40 59	74 09	219		NID			RIDGEWOOD WATER CO.
NILLVILLE	5576	CUMBERLAND	8	39 24	75 03	60	8A	8A		C M	L. J. GALLAMER
NILTON	5597	MORRIS	8	41 01	74 32	959		7A			JERSEY CITY WTR WKS
NOORESTOWN	5728	BURLINGTON	2	39 58	74 58	55	NID	8A		M	M. J. WILLARD
NORRIS PLAINS	5789	MORRIS	8	40 59	74 39	509	8A	8A		M	JAMES C. LONG
NEWARK WB AIRPORT	6026	ESSEX	1	40 42	74 10	11	MID	NID		C HJ	U. S. WEATHER BUREAU
NEW BRUNSWICK EXP STA	6062	NIDDLESEX	10	40 28	74 26	80	5P	5P		GH	ARTHUR M. AHLQUIST
NEW NILFORD	6146	BERGEN	4	40 57	74 02	12		NID		C	MACKENSACK WATER CO
NEWTON	6177	SUSSEX	2	41 03	74 45	565	8A	8A		C M	NEWTON WTR SWR COMM
OAK RIDGE RESERVOIR	6469	PASSAIC	8	41 02	74 39	870		8A			NEWARK WATER DEPT
OLDWICK	6544	HUNTERDON	10	40 40	74 45	260		8A			DAN A. COUGHLIN
ORANGE	6569	ESSEX	8	40 47	74 14	140		NID		C	COUNTY ENGINEER
PATERSON	8775	PASSAIC	8	49 55	74 09	109	8A	8A		M	P. J. DEL VECCHIO
PENBERTON 5 E	6843	BURLINGTON	2	39 58	74 38	60	5P	5P		M	CHARLES A. DOEHLERT
PHILLIPSBURG	6974	WARREN	2	40 41	75 12	182	3P	3P		N	SEWAGE DISPOSAL PLT
PHILLIPSBURG BRIDGE	6979	WARREN	2	40 42	75 12	196		9A			JOINT TOLL BRDGE COM
PLAINFIELD	T079	UNION	10	40 36	74 25	120	8P	8P		M	NRS VIVIAN SCHERER
PLEASANT RUN	T123	HUNTERDON	19	40 34	74 48	149		7A			JOHN M. BERRYNAN
PRINCETON WATER WORKS	T328	MERCER	10	40 19	74 40	99		NID			PRINCETON WATER CO
RAHWAY	7593	UNION	9	40 36	74 15	20		NID		C M	RAHWAY VLY SWG AUTH
RIDGEFIELD	7545	BERGEN	4	40 59	74 01	89	MID	MID		M	GEORGE P. KIRSTEN
RINGWOOD	7587	PASSAIC	8	41 08	74 16	305		10A			MO JERSEY WTR SUPPLY
SANDY HOOK LBSTA	7869	MONMOUTH	1	40 28	74 01	22	7P	7P			U. S. COAST GUARD
SHILOH	8951	CUMBERLAND	2	39 28	75 18	129	5P	5P			EVERETT DICKINSON
SOMERVILLE	8194	SOMERSET	10	40 34	74 37	75	6P	6P		M	W. E. MAYER
SPLIT ROCK POND	8492	MORRIS	8	40 58	74 28	890		10A			JERSEY CITY D P W
SPRINGFIELD	8423	UNION	1	40 45	74 18	-				C	N.J. DEPT OF CONS
SUSSEX 3 N	8644	SUSSEX	5	41 14	74 35	530	7A	7A			BRICE B. STANTON
SWEDESBORO 5 NW	8685	GLOUCESTER	2	39 47	75 24	10		12N			SUN OIL CO
TOMS RIVER	8816	OCEAN	1	39 57	74 14	19		5P			ROBERT F. SNYDER
TRANQUILITY 2 W	8858	WARREN	2	40 57	74 59	551				C	M. J. ERVEY
TRENTON 2	8878	MERCER	2	40 14	74 46	105	NID	MID			E. M. RISTOW
# TRENTON WB CITY	8883	MERCER	2	40 15	74 46	56	NID	NID		C HJ	U.S. WEATHER BUREAU
TUCKERTON	8899	OCEAN	1	39 36	74 29	19	6P	6P			REV EDWARD D. MEGILL
VINELAND	9135	CUMBERLAND	6	39 29	75 00	110		8A			STATE HOME FOR WOMEN
WANAQUE RAYMOND DAM	9187	PASSAIC	8	41 03	74 18	329		8A		C M	WATER SUPPLY COMM
WATCHUNG	9271	UNION	8	40 40	74 25	-				C	BONNIE BURN SAN.
WERTSVILLE	9363	HUNTERDON	10	40 27	74 48	160		7A			ROBERT N. MANNERS
# WESTFIELD	9455	UNION	9	40 39	74 21	138		5P		C	CITY ENGINEER
WOODCLIFF LAKE	9832	BERGEN	4	41 01	74 03	103		MID		C	MACKENSACK WATER CO
WOODSTOWN	9910	SALEM	2	39 39	75 19	50	5P	5P			CREAN VALLEY DAIRY

‡ 1-COASTAL; 2-DELAWARE; 3-GREAT EGG HARBOR; 4-HACKENSACK; 5-HUDSON; 6-MAURICE; 7-MULLICA; 8-PASSAIC; 9-RAHWAY; 10-RARITAN; 11-ROCKAWAY

REFERENCE NOTES

Additional information regarding the climate of New Jersey may be obtained by writing to the State Climatologist at Weather Bureau Office, c/o General Delivery, Trenton, New Jersey or to any Weather Bureau Office near you.

Figures and letters following the station name, such as 12 SSW, indicate distance in miles and direction from the post office.

Delayed data and corrections will be carried only in the June and December issues of this bulletin.

Monthly and seasonal snowfall and heating degrees for the preceding 12 months will be carried in the June issue of this bulletin.

Stations appearing in the Index, but for which data are not listed in the tables, either are missing or were received too late to be included in this issue.

Divisions, as used in "Climatological Data: Table and on the maps, became effective with data for September 1958.

Unless otherwise indicated, dimensional units used in this bulletin are: Temperature in °F, precipitation and evaporation in inches and wind movement in miles. Monthly degree day totals are the sums of the negative departures of average daily temperatures from 65° F.

Evaporation is measured in the standard Weather Bureau type pan of 4 foot diameter unless otherwise shown by footnote following the "Evaporation and Wind" Table. Max and Min in "Evaporation and Wind" Table refer to extremes of temperature of water in pan as recorded during 24 hours ending at time of observation.

Long-term means for full-time stations (those shown in the Station Index as "U. S. Weather Bureau") are based on the period 1921-1950, adjusted to represent observations taken at the present location. Long-term means for all stations except full-time Weather Bureau stations are based on the period 1931-1955.

Water equivalent values published in the "Snowfall and Snow on Ground" Table are the water equivalent of snow, sleet, or ice on the ground. Samples for obtaining measurements are taken from different points for succeeding observations; consequently occasional drifting and other causes of local variability in the snowpack may result in apparent inconsistencies in the record.

Entries of snowfall in the "Climatological Data" Table and the "Snowfall and Snow on Ground" Table, and in the "Seasonal Snowfall" Table include snow and sleet. Entries of snow on ground include snow, sleet and ice.

Data in the "Daily Precipitation" Table; "Daily Temperature" Table; and "Evaporation and Wind" Table, and snowfall in the "Snowfall and Snow on Ground" Table, when published, are for the 24 hours ending at time of observation. The Station Index shows observation times in local standard time. During the summer months some observers take the observations on daylight saving time.

Snow on ground in the "Snowfall and Snow on Ground" Table is at observation time for all except Weather Bureau and CAA stations. For these stations snow on ground values are at 7:00 a.m., E.S.T.

No record in the "Climatological Data" Table and the "Daily Temperature" Table is indicated by no entry.

Interpolated values for monthly precipitation totals may be found in the annual issue of this publication.

- No record in the "Daily Precipitation" Table; "Evaporation and Wind" Table; "Snowfall and Snow on Ground" Table; and the Station Index.
+ And also on an earlier date or dates.
++ Fastest observed one minute wind speed. This stations is not equipped with automatic wind instruments.
* Amount included in following measurement, time distribution unknown.
Thermometers are generally exposed in a shelter located a few feet above sod-covered ground; however, the reference indicates that the thermometers are exposed in a shelter located on the roof of a building.
// Gage is equipped with a windshield.
AR This entry in time of observation column in Station index means after rain.
AM Data based on observational day ending before noon.
E Adjusted to a full month.
D Water equivalent of snowfall wholly or partly estimated, using a ratio of 1 inch water equivalent to every 10 inches of new snowfall.
M One or more days of record missing; if average value is entered, less than 10 days record is missing. See "Daily Temperature" Table for detailed daily record. Degree day data, if carried for this station, have been adjusted to represent the value for a full month.
S Amounts from recording gage. (These amounts are essentially accurate but may vary slightly from the amounts to be published later in Hourly Precipitation Data.)
SS This entry in time of observation column in Station Index means observation made near sunset.
T Trace, an amount too small to measure.
V Included total for previous month.
X Observation time is 1:00 a.m., E.S.T. of the following day.
VAR This entry in time of observation column in Station Index means variable.

In the Station Index the letters C, G, S, and J in the "Special" column under the heading "Observation Time and Tables", indicate the following:

C Weighing Rain Gage Recording Station. Hourly precipitation values are processed for special purposes, and are published later in "Hourly Precipitation Data" Bulletin.
O "Soil Temperature" Table.
K "Snowfall and Snow on Ground" Table. Omission of data in any month indicates no snowfall and/or snow on ground in that month.
J "Supplemental Data" Table.

Information concerning the history of changes in locations, elevations, exposure etc. of substations through 1955 may be found in the publication "Substation History" for this state. That publication may be obtained from the Superintendent of Documents, Government Printing Office, Washington 25, D. C. for 15 cents. Similar information for regular Weather Bureau stations may be found in the latest annual issue of Local Climatological Data for the respective stations, obtained as indicated above, price 15 cents.

General weather conditions in the U. S. for each month are described in the publications MONTHLY WEATHER REVIEW and the monthly CLIMATOLOGICAL DATA, NATIONAL SUMMARY, either of which may be obtained from the Superintendent of Documents, Government Printing Office, Washington 25, D. C.

Subscription Price: 20 cents per copy, monthly and annual; $2.50 per year. (Yearly subscription includes the Annual Summary). Checks, and money orders should be made payable to the Superintendent of Documents. Remittance and correspondance regarding subscriptions should be sent to the Superintendent of Documents, Government Printing Office, Washington 25, D. C.

USCOMM-WB-Asheville, N. C. --- 12/4/58 --- 750

C.05
NNJ
p.1

U. S. DEPARTMENT OF COMMERCE
LEWIS L. STRAUSS, Secretary
WEATHER BUREAU
F. W. REICHELDERFER, Chief

CLIMATOLOGICAL DATA

NEW JERSEY

NOVEMBER 1958
Volume LXIII No. 11



THE LIBRARY OF THE
JAN 20 1959
UNIVERSITY OF ILLINOIS

ASHEVILLE: 1959

NEW JERSEY - NOVEMBER 1958

TEMPERATURE AND PRECIPITATION EXTREMES

Highest Temperature: 72° on the 15+ at 3 stations

Lowest Temperature: 6° on the 30th at High Point Park

Greatest Total Precipitation: 4.31 inches at Milton

Least Total Precipitation: 1.50 inches at Burlington

Greatest One-Day Precipitation: 2.50 inches on the 29th at Essex Fells Serv. Bldg.

Greatest Reported Total Snowfall: 2.0 inches at Canistear Reservoir

Greatest Reported Depth of Snow on Ground: 2.0 inches on the 3rd at High Point Park

CLIMATOLOGICAL DATA

NEW JERSEY
NOVEMBER 1958

Station		Temperature													Precipitation									
											No of Days								Snow, Sleet			No of Days		
											Max		Min											
		Average Maximum	Average Minimum	Average	Departure From Long Term Means	Highest	Date	Lowest	Date	Degree Days	90° or Above	32° or Below	32° or Below	0° or Below	Total	Departure From Long Term Means	Greatest Day	Date	Total	Max Depth on Ground	Date	10 or More	50 or More	100 or More
NORTHERN																								
BELVIDERE		50.5	34.7	42.6	- .1	65	6	14	30	665	0	3	14	0	3.38	- .65	1.35	29						
BOONTON 2 SE	AM	53.3	34.7	44.0	1.8	64	1	16	30	619	0	0	11	0	3.84	- .28	2.36	29				5	2	1
CANOE BROOK	AM	54.7	34.4	44.6	1.9	66	6+	16	30	606	0	0	14	0	3.39	- .84	2.25	29	T	0		4	2	1
CHARLOTTEBURG	AM	52.8	32.8	42.8	.8	69	19	12	30	659	0	1	12	1	3.50	- 1.19	2.05	29	1.0	0		4	2	1
ELIZABETH		57.4	37.4	47.4	2.0	68	14	17	30	521	0	0	7	0	2.50	- 1.42	1.15	29				7	1	1
ESSEX FELLS SERV BLDG	AM	53.5	34.5	44.0		65	1	12	30	626	0	0	11	0	3.37		2.50	29	T	0		3	2	1
FLEMINGTON 1 NE		54.2	32.6	43.4	- 1.0	65	24	15	30	641	0	0	13	0	3.31	- .45	1.48	29	T	0		9	1	1
HIGH POINT PARK	AM	50.7	31.6	41.2		65	19	6	30	711	0	0	14	0	2.92		1.56	29		2	3	4	2	1
JERSEY CITY		52.5	39.5	46.0	2.1	63	6	17	30	562	0	1	6	0	2.09	- 1.32	.93	28				3	1	0
LAMBERTVILLE		54.6	35.2	44.9	.7	67	24	18	30	595	0	0	11	0			1.46	29	.0	0				
LAYTON 3 NW		52.3	29.7	41.0	1.0	66	4	14	30+	712	0	1	19	0	3.04	- .79	1.38	29	1.2	1	30+	3	2	1
LITTLE FALLS 1 E	AM	56.7	36.7	46.7	2.4	68	1	16	30	541	0	0	8	0	3.54	- .86	2.28	29	T	T	29	3	2	1
LONG VALLEY		52.4	32.1	42.3		65	5	13	30	676	0	1	15	0	3.54	- .82	1.87	28	.0	0		9	1	1
MORRIS PLAINS	AM	54.2	34.7	44.5		65	6+	14	30	611	0	0	11	0	3.70		2.35	29	.2	0		5	2	1
NEWARK WB AIRPORT	R	55.0	39.8	47.4	2.5	65	6+	17	30	520	0	1	5	0	1.97	- 1.13	1.18	28	T	0		4	1	1
NEWTON	AM	51.7	32.6	42.2	1.1	66	1	13	30	679	0	1	15	0	3.99	.25	2.00	29				6	2	2
PATERSON	AM	56.2	37.7	47.0	2.2	68	1	15	30	533	0	0	9	0	3.40	- .66	2.27	29	.2	0		4	1	1
PHILLIPSBURG		55.8	35.3	45.6	2.7	66	5+	15	30	577	0	0	9	0						0				
PLAINFIELD		55.0	36.0	45.5	.9	66	5	17	30	578	0	1	10	0	2.73	- 1.19	.80	29	T	0		6	2	0
RIDGEFIELD		54.2	37.8	46.0	1.8	65	6	17	30	563	0	1	8	0	2.86	- 1.08	1.43	28	T	0		6	1	1
SOMERVILLE		54.0	34.6	44.3	.5	65	5	15	30	617	0	0	13	0	3.22	- .53	2.02	28	.0	0		6	1	1
SUSSEX 3 N	//AM	52.0	32.4	42.2	.1	66	1	12	30	677	0	1	16	0	3.18	- .82	1.82	29	T	0		6	2	1
DIVISION				44.3	1.0										3.17	- .82			.2					
SOUTHERN																								
AUDUBON		57.0	37.6	47.3		68	14	18	30	522	0	0	7	0	2.48		1.16	28	.0	0		4	3	1
BELLEPLAIN		60.3	37.8	49.1		72	14	18	30	472	0	0	11	0	3.29	- .89	1.36	29	.0	0		4	3	1
BURLINGTON		58.1	38.4	48.3	1.9	67	14+	18	30	494	0	0	8	0	1.50	- 2.24	.54	3	T	0		6	1	0
CLAYTON		55.4	37.2	46.3		71	14	18	30	554	0	0	7	0	1.93		.78	3	T	0		4	1	0
FREEHOLD		56.0	37.7	46.9	1.7	65	24+	18	30	536	0	1	8	0	2.52	- 1.54	.97	29	.0	0		6	2	0
HAMMONTON 2 NNE	AM	58.1	38.3	48.2	5.1	70	15	19	30	495	0	0	8	0	2.91	- .86	1.39	29	.0	0		4	2	2
HIGHTSTOWN 1 N		55.9	37.0	46.5	1.5	65	5	17	30	550	0	0	9	0	2.31	- 1.16	.97	29				6	1	0
INDIAN MILLS 2 W		57.3	35.0	46.2	.9	70	14	18	30+	557	0	0	11	0	2.43	- 1.37	1.00	29	.0	0		5	2	1
LAURELTON 1 E		55.9	34.7	45.3	.2	70	24	15	30	581	0	1	10	0	3.09	- 1.12	1.42	28	T	0		5	2	1
LEESBURG STATE FARM		56.7	37.8	47.3		69	19	19	30	527	0	0	11	0	3.34				.0	0				
MILLVILLE		58.7	38.2	48.5		72	15	20	30	492	0	0	7	0	3.10		1.32	2	.0	0		4	2	2
MOORESTOWN		55.2	36.8	46.0	1.2	67	14	18	30	563	0	1	8	0	2.42	- 1.22				0				
NEW BRUNSWICK EXP STA		56.3	36.9	46.6	1.6	66	24	16	30	546	0	0	9	0	2.33	- 1.30	1.32	29	T	0		5	1	1
PEMBERTON 3 E		58.0	35.9	47.0	.9	68	14	15	30	535	0	0	11	0	2.53	- 1.03	.95	29	.0	0		4	2	0
SHILOH		57.9	39.1	48.5	2.4	72	14	18	30	488	0	0	9	0	2.18	- 1.46	1.05	29	.0	0		4	2	1
TRENTON 2		54.7	36.3	45.5		65	24	16	30	578	0	1	9	0	2.71	- 1.09	1.37	28	.0	0		5	1	1
TRENTON WB CITY	R	54.2	39.4	46.8	1.2	66	24	17	30	540	0	1	6	0	1.97	- .89	1.00	28	T	0		4	1	1
TUCKERTON																								
WOODSTOWN		58.5M	37.3M	47.9M		70	14	18	30	518	0	0	8	0	2.56		1.16	29	.0	0		4	2	1
DIVISION				47.1	1.6										2.53	- 1.25			T					
COASTAL																								
ATLANTIC CITY WB AP		56.8	38.7	47.8	1.3	71	14	18	30	510	0	0	8	0	2.71	- .41	1.04	28	.0	0		5	2	1
ATLANTIC CITY	R	56.0	41.9	49.0	.9	67	6	19	30	476	0	0	4	0	2.09	- 1.23	.80	28	.0	0		5	1	0
CAPE MAY 3 W		58.3M	44.6M	51.5M		67	15	22	30	401	0	0	3	0	2.29		1.20	29	.0	0		5	2	1
LONG BRANCH	R	54.5	39.5	47.0	1.5	66	24	18	30	533	0	1	5	0	2.37	- 1.57	1.25	28	.0	0		5	1	1
SANDY HOOK LBSTA		57.9	42.2	50.1	3.3	66	6	28	30	441	0	0	1	0	2.14	- 1.24	1.04	29	.0	0		6	1	1
DIVISION				49.1	2.0										2.32	- 1.33			.0					

SUPPLEMENTAL DATA

Station	Wind direction		Wind speed m. p. h.				Relative humidity averages - percent				Number of days with precipitation							Percent of possible sunshine	Average sky cover sunrise to sunset
	Prevailing	Percent of time from prevailing	Average	Fastest mile	Direction of fastest mile	Date of fastest mile	1:00 a EST	7:00 a EST	1:00 p EST	7:00 p EST	Trace	.01-.09	.10-.49	.50-.99	1.00-1.99	2.00 and over	Total		
ATLANTIC CITY WB AIRPORT	WNW	17	11.7	-	-	-	74	78	55	69	8	2	3	1	1	0	15	-	5.8
LONG BRANCH	SW	20	14.1	63	SE	28	-	78	62Ø	61	3	6	4	0	1	0	14	56	5.2
NEWARK WB AIRPORT	WNW	17	9.8	36++	SSE	28	70	74	53	63	6	6	3	0	0	1	16	-	6.1
TRENTON WB CITY	-	-	8.9	41	S	28	-	-	-	-	4	6	3	0	1	0	14	59	5.7

Ø 12:00 Noon

See Reference Notes Following Station Index

DAILY PRECIPITATION

NEW JERSEY
NOVEMBER 1958

Station	Total	Day of month																												
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
ATLANTIC CITY WB AP	2.71		.82	.24			T			.02	T			T		.28	T	T	T	T					.07		T		1.04	.24		
ATLANTIC CITY R	2.09		.44	.24						.06	T			T		.34	.01	T	.10						.05		T		.80	.05		
AUDUBON	2.48		.65	.57						T						.10		T	T	T							T		1.16	T		
BASS RIVER ST FOREST	*		*	.76						.06						*	.60								.30		.20		*	*		
BELLEPLAIN	3.29		.35	.70													.78		.05										.05	1.36		
BELVIDERE	3.38			*							1.10					.01	.17	.18	.05	.09									.27	1.35		
BERLIN 1 W	2.75		.25	1.30													.30	.25	.15								.16			.50		
BLACKWELLS MILLS	2.95			.48	.06					.06	.07			.02	.03		.20		.13	.03	.07					.04			1.76		
BOONTON 2 SE	3.84			.63	.02					.04	.07				T		.45		.10	.02	.01					.14			2.36		
BOUND BROOK 1 W	2.87			.35	T					.03	.10	.01		.01	.01		.37		.14		.03	T			T	T	.02		1.80		
BRANCHVILLE	3.47			.81	.07					T	.15				.06		.11			.13		.03					.15	1.96		T	
BURLINGTON	1.50	.02	.23	.54			.03			.02	.05	T		T	T	.10	.21	T	T	T								.15	.15	T	
CANISTEAR RESERVOIR	3.30			.84	.01					T	.09	T			.02		.22		.06	T						T		.12	1.94	T	
CANOE BROOK	3.39			.51	.04					.07	.08				T		.21	T	.11	.02	.02							.08	2.25			
CANTON	1.98		.22	.58													.27		T	T									.91			
CAPE MAY 3 W	2.29		.55	.10							.05					.10				.01					.26				.02	1.20		
CEDAR GROVE	3.47			.81							.20						.35	.03	.10	.08										1.90		
CHARLOTTEBURG	3.50			.80	.04					.02	.07			.01			.28		.08	.01	.01							.13		2.05		
CHATHAM	3.65			.66	.01					.02	.09					T	.25	T	.11	T	T							.06		2.45		
CLAYTON	1.93		.34	.78						T	.05					.03	.21	.01	T	.05					T		.05		.31	.09	.01	
CLINTON	3.43		.26	.50						T	.14	.03		.02			.20	.25	.06	.06							.13		.23	1.55		
DEEPWATER	2.19		.86	.13						.07						.15		.03		T									.90	.05		
ELIZABETH	2.50		.10	.35			.15			.10	.05					.01	.25	.08	.02	.03					.01	.01	.03		.16	1.15		
ELIZABETHPORT	2.04		.18	.25					T	.03	.05					.30		.06		.03							T		1.09	.05		
ESSEX FELLS SERV BLDG	3.37			.67						.02	.03							.05	.10											2.50	T	
FLEMINGTON 1 NE	3.31		.27	.30						.10	.10	T		.08	T	.02	.26	.17	.05	.08			T		T	T	.12	T	.28	1.48	T	
FORTESCUE	2.07		.20	.26													.45		.04											1.12		
FREEHOLD	2.52		.15	.42						T	.10			.03		.05	.55	.05		.05							T		.15	.97		
GREENWOOD LAKE	4.00			.85	.10					.10	.10	.12			.05	T	.24		.10	.04	.04					T		.23		2.00	.03	
HAMMONTON 2 NNE	2.91		.17	1.06													.27		.02											1.39		
HIGH POINT PARK	2.92			.94							.18				.06		.05		.11		.02									1.56		
HIGHTSTOWN 1 N	2.31		.25	.36						T	.10			.05		.04	.34	.06	T	.03					T		T		.11	.97		
INDIAN MILLS 2 W	2.43		.37	.60						T	.06			T		.17	.05	T	T	.03							T		.15	1.00		
IRVINGTON	2.12		.14	.25					.01	.08	.04			.02		.15	.02	.07		.02					T		.03		1.25	.04		
JERSEY CITY	2.09		.22	.44						.09	.03			.07		.09	.09	.05	.01	.05							.02		.93			
LAMBERTVILLE	–		–	–						–	–			.04		T	.37	.07	.02	.07							T		.32	1.46		
LAURELTON 1 E	3.09		.75	.28						.02	.06					.29		.01	.02	.01					.05		T		1.42	.18		
LAYTON 3 NW	3.04		.07	.96							.05			.05	T	.04	.07	.08	.06				T				.09		.19	1.38		
LEESBURG STATE FARM	3.34		.38	.67													1.05												*	1.24		
LITTLE FALLS 1 E	3.54			.57	.04					.08	.08				T		.33		.07	.01	.01						T	.07		2.28	T	
LONG BRANCH R	2.37		.40	.17						.04	.12			.04		.21	.01	.07	T	T					.01		T		1.25	.05		
LONG VALLEY	3.54		.28	.48						.10	.08						.18	.12	.18	.10							.15		1.87			
MACOPIN INTAKE	4.09			.92	.02					.03	.07				.01		.34		.09	.02	.03							.20		2.36		
MAHWAH	3.85			.54	.13					.07	.08				.03	.01	.33		.08	.02	.01							.24		2.30	.01	
MANVILLE	3.95		.30	.32						.72	.02			T		.38	T	.16	.03	T										2.02		
MARLTON 1 W	2.05		.53	.30							.04					.05	.05												.20	.88		
MAYS LANDING		RECORD MISSING																														
MIDLAND PARK	4.13		.15	.45						.14	.09			.02		.62		.08	.02	.06							.12		2.36	.02	T	
MILLVILLE	3.10		1.32	.06												.40													1.22	.10		
MILTON	4.31			1.15	.03					.05	.11			.03			.42		.16	.06	.09							.21		2.00			
MOORESTOWN	2.42		*	1.20							.04						.07	.02	T	.02										1.07		
MORRIS PLAINS	3.70			.73	.03					.03	.06				T		.20	T	.10	.01						T	T	.18		2.35	.01	
NEWARK WB AIRPORT R	1.97		.11	.22						.07	.07			T	T	.18	T	.06	T	.01					T		.02		1.18	.05	T	
NEW BRUNSWICK EXP STA	2.33		.25	.29						T	.05			T		T	.25	.11	.02	.02							.02		T	1.32		
NEW MILFORD	3.46		.14	.30						.16	.02					.40		.04									.06		2.16	.18		
NEWTON	3.99			1.08	.02					.01	.16				.03	T	.35		.12	.03	.01						T	.18		2.00		
OAK RIDGE RESERVOIR	3.80			.88	.12					.05	.06				.04		.34		.11	.05								.19		1.96		
OLDWICK	3.25		T	.51	.02					T				T	T		.29	T	.19	.05	T							.16		2.03		
ORANGE	3.52			.78							.20						.32		.08	.05										2.09		
PATERSON	3.40			.47	.03					.15	.06				.01		.33		.07	.01	T					T		T		2.27	T	
PEMBERTON 3 E	2.53		.35	.78							.09					.06	.09	.02		.03									.16	.95		
PHILLIPSBURG	–		T	.62							T			T		T	.11	.25	T	T									.20	–		
PHILLIPSBURG BRIDGE	2.97			.75							.09	T						.05	.26	.04	.06									1.72		
PLAINFIELD	2.73		.20	.34						.06	.07			T	T	.32		.13	.01	.02					T		T		.78	.80		
PLEASANT RUN	2.99		.12	.28						.11	.08	.02		.01	T		.25	.04	.12	.03				T		T	.03	.09	.01	1.80		
PRINCETON WATER WORKS	2.35		.29	.18						.03						.43		.08							T		T		1.30	.04		
RAHWAY	1.89		.20	.23						T	.05			T		.13	.02	.08	.01								T		1.10	.07		
RIDGEFIELD	2.86		.19	.46						.20	.04			T		.18	T	T	.05	.01							.08		1.43	.22		
RINGWOOD	3.66			.87	T					.03	.07				.03		.34	T	.09	.05							.09	.11		1.98		
SANDY HOOK LBSTA	2.14		.16	.35		.01				.05	.12			.01			.27		.12	.01										1.04		
SHILOH	2.18		.33	.52							.02					.08	.13	T		T									.05	1.05		
SOMERVILLE	3.22		.12	.30						.03	.11			.03		T	.24	.15	.03	.07							.06		2.02	.06		
SPLIT ROCK POND	3.88			.80	.02					.03	.09						.68		.12	.04	.05							.25		1.80		
SUSSEX 3N //	3.18			.60	.13					T	.18	.03			.06		.10		.11	.03	.02					.01		.09		1.82	T	
SWEDESBORO 5 NW	2.47		.13	.76							.03	T					.09	.05	.03	T					T		T		T	1.38		
TOMS RIVER	3.15		.28	.78						.07						.30													.20	1.52		
TRENTON 2	2.71		.28	.36						.11				.04		.34	.01	.08	.03	.04					T		.01		1.37	.04		
TRENTON WB CITY R	1.97		.22	.28						.06	T			.01		.27	T	.04	.01	.02					T		T		1.00	.06		
TUCKERTON		RECORD MISSING																														
VINELAND	2.89		.17	.75	.01						.02						.43		.02		T									1.49		
WANAQUE RAYMOND DAM	3.61			.75	.02					.02	.05	.02			.02		.29		.06	.01	T							.20		2.17		
WERTSVILLE	3.15			.41	.03					.02	.10	.01		.07	.02	.10	.05	.18	.05	.03							.02			2.06		
WESTFIELD	2.48		*	.42							*						*	.38							.08				1.53	.07		
WOODCLIFF LAKE R	3.85		*	.69						.20	.03					.62		.04									.17		2.06	.04		
WOODSTOWN	2.56		.31	.82							.05			T		.17	.03	T	.02	T							T		T	1.14		

See Reference Notes Following Station Index

DAILY TEMPERATURES

Station		Day Of Month																												Average
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
ATLANTIC CITY WB AP	MAX	62	53	49	61	63	66	53	54	59	51	55	62	60	71	69	63	57	62	68	58	51	50	52	66	47	63	42	61	43	33		56.8
	MIN	42	46	39	37	37	50	37	30	46	42	38	39	41	41	54	51	51	55	44	37	36	32	22	40	32	42	28	25	30	18		38.7
ATLANTIC CITY	MAX	62	57	56	60	57	67	52	54	58	52	55	62	56	65	63	62	55	60	66	58	51	50	54	61	50	60	42	60	42	33		56.0
	MIN	44	50	40	37	47	50	38	36	48	43	40	46	47	54	56	52	52	54	44	40	38	36	35	40	34	42	32	30	32	19		41.9
AUDUBON	MAX	63	47	52	63	66	63	53	55	61	53	57	62	60	68	65	61	55	62	62	60	53	52	54	66	49	56	46	62	44	39		57.0
	MIN	38	40	38	33	37	44	35	29	44	41	38	40	43	41	48	50	48	55	46	36	38	34	25	38	32	37	28	25	30	18		37.6
BELLEPLAIN	MAX	65	62	50	64	66	68	58	57	62	57	56	65	63	72	68	65	56	62	68	62	61	50	49	68	65	60	56	54	62	38		60.3
	MIN	38	43	38	31	35	49	45	25	43	43	38	45	35	38	54	53	50	55	54	31	40	30	21	37	31	32	31	22	30	18		37.8
BELVIDERE	MAX	55	50	55	60	64	65	52	47	60	50	54	61	50	56	58	54	48	59	54	57	48	47	48	52	45	47	34	31	32	22		50.5
	MIN	44	32	35	30	31	38	33	26	38	41	40	38	39	39	42	47	46	47	52	32	42	30	21	30	27	29	30	21	27	14		34.7
BOONTON 2 SE	MAX	64	56	43	49	61	63	61	52	52	54	50	54	59	49	60	59	56	54	62	59	57	49	48	48	60	45	51	37	52	34		53.3
	MIN	46	35	36	36	34	34	34	25	29	41	43	43	39	38	43	48	45	45	53	33	39	32	21	25	24	25	32	20	28	16		34.7
BURLINGTON	MAX	61	53	52	61	67	62	55	55	63	54	57	63	59	67	63	61	55	61	63	60	53	52	55	65	59	56	53	57	64	37		58.1
	MIN	42	42	38	32	36	42	42	29	45	42	42	41	40	44	46	47	47	52	53	35	43	36	25	38	30	35	32	27	31	18		38.4
CANOE BROOK	MAX	66	56	44	47	62	66	61	52	55	59	51	55	60	51	60	61	56	54	61	61	59	50	48	51	62	50	51	37	58	36		54.7
	MIN	47	40	37	29	30	40	31	21	41	40	41	37	42	35	39	47	47	47	54	32	42	29	19	30	21	23	30	17	28	16		34.4
CAPE MAY 3 W	MAX	60	55	57	59	61	63					55	59	62		67	61	57	61	65	60	55	51	55	62	62	58	54	57	59	42		58.3
	MIN	52	45	41	49	47	54					47	49	39		58	49	51	54	53	47	49	44	35	50	32	49	36	30	34	22		44.6
CHARLOTTEBURG	MAX	65	55	41	48	61	58	60	51	53	57	49	53	58	47	58	63	55	54	69	61	59	48	45	48	60	44	50	37	45	32		52.8
	MIN	42	34	33	33	27	36	32	21	35	39	40	38	39	37	39	42	42	42	51	34	37	32	20	24	25	24	29	18	26	12		32.8
CLAYTON	MAX	59	58	52	61	64	61	53	54	58	55	55	61	59	71	61	57	55	60	64	58	52	50	52	62	59	56	38	40	40	37		55.4
	MIN	41	40	38	34	37	45	37	29	42	42	37	42	42	41	43	52	49	52	52	34	41	33	25	34	30	35	30	22	19	18		37.2
ELIZABETH	MAX	63	50	49	64	66	66	56	57	61	53	60	65	53	68	61	59	55	60	62	60	54	50	50	65	60	55	52	50	62	35		57.4
	MIN	43	40	37	37	35	42	37	29	42	42	38	40	38	44	43	50	48	51	52	35	42	34	25	35	28	34	30	24	31	17		37.4
ESSEX FELLS SERV BLDG	MAX	65	52	44	54	55	53	58	52	55	60	58	60	63	55	56	54	53	54	62	64	60	50	49	50	58	40	42	40	54	34		53.5
	MIN	39	38	37	37	40	41	40	28	30	40	39	37	39	40	40	40	39	40	54	40	44	29	20	22	24	24	30	22	29	12		34.5
FLEMINGTON 1 NE	MAX	59	44	53	62	60	54	57	54	61	55	55	30	51	60	60	58	52	59	61	60	51	48	51	65	55	51	50	39	47	35		54.2
	MIN	36	32	36	30	36	40	29	21	33	40	38	37	33	34	37	46	46	48	47	33	41	27	19	27	19	24	29	16	29	15		32.6
FREEHOLD	MAX	59	55	48	62	65	62	52	55	59	52	56	59	52	62	63	58	53	59	62	59	51	52	51	65	55	59	53	51	61	30		56.0
	MIN	41	40	37	33	39	46	40	30	40	41	38	40	40	41	49	52	46	51	51	36	41	31	26	40	29	33	29	24	30	18		37.7
HAMMONTON 2 NNE	MAX	55	65	50	50	64	68	64	53	60	62	53	57	62	58	70	62	52	59	62	64	59	51	53	55	69	67	60	39	63	37		58.1
	MIN	42	42	39	36	38	41	44	30	40	39	38	42	42	40	49	46	50	51	58	36	40	32	24	38	32	34	32	24	32	19		38.3
HIGH POINT PARK	MAX	64	51	35	43	59	63	58	48	46	54	47	50	55	49	62	63	52	51	65	54	54	50	50	52	51	40	48	33	40	33		50.7
	MIN	36	29	29	31	29	34	34	26	36	36	35	39	35	41	48	41	36	38	50	33	33	26	20	31	23	27	23	20	22	6		31.6
MIGMTSTOWN 1 N	MAX	63	50	48	60	65	62	56	54	60	52	56	60	51	59	62	59	52	59	62	57	52	49	52	64	60	57	52	46	61	36		55.9
	MIN	42	38	37	33	37	46	39	28	42	41	37	41	38	42	46	50	46	51	51	36	40	31	24	38	28	28	30	22	30	17		37.0
INDIAN MILLS 2 W	MAX	62	49	49	62	66	63	53	54	61	51	55	61	57	70	67	61	54	61	62	58	50	50	55	67	53	59	49	62	63	36		57.3
	MIN	35	36	37	30	34	47	36	23	40	37	36	40	36	38	47	51	49	54	49	30	37	26	18	36	29	28	24	18	30	18		35.0
JERSEY CITY	MAX	58	47	48	59	58	63	53	51	58	50	55	60	52	59	60	55	52	57	60	58	48	48	47	61	43	54	42	45	44	30		52.5
	MIN	45	38	36	40	44	45	40	36	44	43	39	45	45	45	50	48	48	52	44	41	42	34	31	37	31	35	31	30	30	17		39.5
LAMBERTVILLE	MAX	59	46	52	60	64	61	55	52	60	53	56	61	52	63	61	57	54	59	60	59	52	48	52	67	56	52	50	39	43	36		54.6
	MIN	37	35	38	30	33	42	33	25	39	41	40	39	37	39	41	50	47	49	50	32	44	31	22	33	25	31	27	20	29	18		35.2
LAURELTON 1 E	MAX	62	49	47	64	62	67	56	55	62	53	58	63	53	65	66	57	54	62	64	59	53	52	50	70	46	59	42	60	38	30		55.9
	MIN	37	37	36	30	35	47	29	24	42	40	37	38	34	41	47	49	49	53	41	33	33	25	19	34	27	39	21	20	29	15		34.7
LAYTON 3 NW	MAX	60	45	52	56	65	60	52	50	60	50	53	58	46	61	60	53	52	58	58	63	53	45	48	60	51	48	49	33	40	29		52.3
	MIN	35	29	32	25	28	32	28	18	35	40	40	31	31	37	36	48	43	42	42	23	38	24	14	25	25	21	22	17	17	14		29.7
LEESBURG STATE FARM	MAX	60	58	53	55	60	60	58	54	54	52	50	59	60	64	62	60	56	62	69	57	55	50	54	63	63	61	56	53	50	34		56.7
	MIN	38	41	37	31	34	49	45	26	45	42	40	45	36	39	54	52	47	54	50	32	45	28	24	39	30	29	30	22	30	19		37.8
LITTLE FALLS 1 E	MAX	68	59	46	53	64	66	66	56	56	60	52	57	63	51	65	62	57	56	62	63	61	51	50	51	64	50	53	40	62	36		56.7
	MIN	47	37	37	34	33	42	34	25	35	41	43	44	39	43	43	46	45	47	54	39	44	32	24	34	27	30	33	23	31	16		36.7
LONG BRANCH	MAX	57	47	48	62	62	63	53	53	58	50	55	60	53	64	65	56	54	61	64	58	50	49	50	66	46	60	39	60	43	29		54.5
	MIN	44	44	38	38	41	49	37	33	43	42	40	45	43	43	54	48	48	54	46	40	40	33	27	39	35	41	27	26	29	18		39.5
LONG VALLEY	MAX	57	47	50	60	65	61	52	51	52	54	56	61	52	59	60	56	54	55	59	58	52	48	48	59	52	50	45	37	34	27		52.4
	MIN	40	30	35	38	38	38	30	20	34	40	38	40	30	35	40	44	42	46	49	30	30	27	17	30	25	27	25	17	16	13		32.1
MILLVILLE	MAX	66	64	51	52	63	65	65	55	56	60	53	57	63	62	72	68	60	59	62	66	62	54	50	58	70	51	57	40	60	39		58.7
	MIN	39	44	39	36	38	40	46	28	40	40	41	41	37	40	41	56	50	49	57	34	40	32	25	34	32	32	33	28	33	20		38.2
MOORESTOWN	MAX	62	48	51	61	66	62	53	54	61	51	56	61	59	67	63	57	54	60	61	59	50	49	53	65	47	56	40	63	39	28		55.2
	MIN	40	40	36	34	36	43	36	27	40	41	40	42	43	41	51	50	48	54	45	38	40	28	28	35	29	34	22	22	24	18		36.8
MORRIS PLAINS	MAX	65	57	42	51	61	65	62	53	53	58	51	54	61	49	59	61	56	53	60	60	58	48	48	58	61	45	52	39	51	34		54.2
	MIN	45	35	35	33	30	38	33	24	41	40	42	39	35	37	41	52	44	45	53	29	40	34	20	30	25	26	31	20	29	14		34.7
NEWARK WB AIRPORT	MAX	58	46	51	64	65	65	54	55	60	52	56	62	53	60	62	58	54	60	62	60	51	49	53	64	46	56	40	62	44	28		55.0
	MIN	43	39	38	39	41	45	40	36	44	44	43	42	45	47	49	50	48	53	49	39	42	35	30	37	33	40	32	29	24	17		39.8
NEW BRUNSWICK EXP STA	MAX	63	55	50	60	64	60	58	52	59	55	55	60	55	60	61	60	54	59	61	58	55	49	52	66	60	54	52	44	62	36		56.3
	MIN	41	38	36	36	36	43	39	28	40	41	40	40	40	42	47	48	46	50	50	36	41	32	23	36	28	32	30	23	30	16		36.9
NEWTON	MAX	66	55	40	51	58	63	59	51	50	56	49	53	57	49	60	61	52	51	59	59	58	47	45	47	55	45	48	36	39	31		51.7
	MIN	42	33	34	29	29	32	30	22	28	40	41	41	31	36	38	44	43	44	51	34	39	33	20	24	27	26	30	18	26	13		32.6
PATERSON	MAX	68	59	44	49	64	66	67	55	52	61	52	57	61	53	65	60	54	56	63	63	60	52	50	51	62	50	52	42	62	36		56.2
	MIN	46	36	36	36	38	41	40	31	41	41	42	43	43	44	46	50	45	45	54	40	41	35	28	32	29	29	31	26	26	15		37.7
PEMBERTON 3 E	MAX	63	49	50	62	67	64	56	55	60	54	58	62	58	68	67	60	55	62	63	59	52	50	55	66	61	59	54	51	63	36		58.0
	MIN	38	37	38	31	33	47	42	24	41	40	38	42	35	40	48	47	48	53	50	31	39	30	20	39	27	31	24	19	29	15		35.9
PHILLIPSBURG	MAX	66	56	55	60	66	63	60	60	63	54	56	61	61	61	60	58	51	59	61	62	58	50	54	57	58	48	49	34	40	34		55.8
	MIN	36	35	34	34	32	40	34	30	39	40	41	41	36	40	44	49	46	49	49	36	35	34	22	31	26	33	31	23	23	15		35.3
PLAINFIELD	MAX	62	45	51	63	66	64	55	55	62	53	57	63	52	57	61	57	54	60	60	61	54	50	52	65	49	53	40	62	36	30		55.0
	MIN	38	37	37	31	33	42	35	26	42	42	37	39	37	40	45	50	47	50	57	34	42	31	22	33	25	29	31	21	31	17		36.0
RIDGEFIELD	MAX	58	44	48	62	64	65	54	56	59	53	57	61	54	61	60	56	53	61	61	59	51	50	50	61	48	52	40	59	43	27		54.2
	MIN	48	39	36	33	40	45	33	29	47	43	42	41	41	45	49	52	47	52	45	38	38	31	25	35	28	39	26	25	24	17		37.8
SANDY HOOK LBSTA	MAX	56	62	56	57	62	66	61	54	61	62	62	60	59	59	60	63	60	58	60	59	58	51	51	59	60	57	58	52	55	40		57.9
	MIN	41	48	37	45	43	49	43	39	46	42	43	45	43	43	49	50	46	50	51	41	45	38	33	42	34	39	38	37	37	28		42.2

See reference notes following Station Index.

CONTINUED

DAILY TEMPERATURES

Station		Day Of Month																													Average
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
SHILOH	MAX	62	55	53	61	62	62	55	54	59	52	60	64	60	72	65	62	55	61	63	59	52	52	52	68	64	54	51	52	59	37		57.9
	MIN	43	42	37	40	42	48	43	28	45	41	38	40	40	42	50	52	48	54	52	36	41	32	28	44	31	32	30	26	30	18		39.1
SOMERVILLE	MAX	58	44	51	61	65	61	53	53	58	53	55	60	50	57	60	57	53	58	60	58	50	48	50	63	55	50	49	55	41	35		54.0
	MIN	38	36	37	33	31	43	30	23	40	41	40	36	34	40	40	49	48	50	50	31	38	30	19	31	27	30	28	19	30	15		34.6
SUSSEX 3 N	MAX	66	55	41	50	59	64	59	50	50	58	49	53	58	49	60	60	52	51	59	59	60	47	46	47	56	46	48	37	39	32		52.0
	MIN	40	33	33	32	32	32	33	24	25	40	40	40	35	38	39	45	44	43	50	32	32	30	20	23	26	25	30	20	25	12		32.4
TRENTON 2	MAX	60	46	49	61	64	62	53	54	60	54	55	60	54	61	62	58	54	60	60	58	52	48	52	65	47	54	43	62	42	31		54.7
	MIN	41	38	36	34	37	42	36	29	41	40	38	41	40	43	48	48	45	51	44	36	37	31	24	35	27	32	26	24	28	16		36.3
TRENTON WB CITY	MAX	57	45	50	61	64	60	53	52	60	51	55	60	54	64	63	57	54	61	61	59	51	48	53	66	45	55	38	64	38	26		54.2
	MIN	45	39	37	40	41	45	39	35	43	42	41	44	46	45	52	49	47	53	46	41	41	36	30	36	31	37	30	28	25	17		39.4
TUCKERTON	MAX																																
	MIN																																
WOODSTOWN	MAX	64	54	54	61	65	62	55	53	60	54	57	63	62	70	66	62		62	63	60	54	51	54	67	63		51	52	60	38		58.5
	MIN	38	41	38	34	35	46	44	27	43	41	36	43	36	37	46	52			53	34	41	31	23	43	31	49	31	22	30	18		37.3

EVAPORATION AND WIND

Station		Day of month																													Total or Avg.
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
ATLANTIC CITY WB AIRPORT	EVAP	*	*	*	.24	.08	.12	.25	.09	.09	.12	.13	.15	.06	.06	*	*	.09	.05	.06	.09	.18	-	-	-	-	-	-	-	-	-		-
	WIND	73	158	150	82	43	39	214	58	70	124	124	93	26	28	60	71	47	52	119	72	122	-	-	-	-	-	-	-	-	-		-
	MAX	63	49	56	60	63	63	55	54	61	55	53	60	54	67	66	53	58	62	68	57	52	-	-	-	-	-	-	-	-	-		
	MIN	44	47	40	35	37	51	47	32	53	41	36	43	44	46	51	49	52	56	52	35	42	-	-	-	-	-	-	-	-	-		
CANOE BROOK	EVAP	.11	.06	-	.08	.02	.05	.10	.02	.04	.05	.05	.07	.08	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		-
	WIND	88	28	72	41	4	9	19	34	12	12	71	54	21	8	6	3	22	2	9	54	22	66	37	17	53	21	32	35	60	71		983

DAILY SOIL TEMPERATURES

Station And Depth		Day of month																													Average
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
NEW BRUNSWICK EXP STATION																																	
MEASURED UNDER SOD																																	
1 INCH	MAX	59	50	49	53	55	55	53	50	53	50	52	52	48	52	54	53	52	55	56	52	50	48	46	50	46	47	45	47	45	37		50.4
	MIN	47	46	45	43	45	46	43	41	45	45	43	44	45	48	50	52	50	52	49	46	43	40	36	42	40	42	35	35	37	31		43.6
2 INCHES	MAX	56	51	48	51	53	53	52	50	51	49	49	51	48	51	53	53	52	55	56	51	49	46	45	49	45	47	43	47	45	39		49.6
	MIN	48	47	47	45	46	49	45	42	45	46	44	45	45	48	49	52	50	52	50	47	45	42	39	43	41	44	37	47	39	33		45.1
4 INCHES	MAX	55	51	48	51	53	53	53	43	51	49	49	51	48	52	53	53	52	55	56	51	49	47	45	49	45	47	43	48	45	39		49.7
	MIN	49	47	47	45	46	49	46	44	45	46	44	45	45	48	49	52	51	52	50	47	45	43	39	43	41	44	38	47	39	33		45.3
8 INCHES	MAX	53	53	51	51	51	53	51	49	50	50	49	49	48	50	52	53	53	54	55	53	51	47	47	48	48	46	44	45	45	42		49.7
	MIN	53	50	49	48	49	51	49	48	47	48	47	47	47	49	50	52	51	52	53	50	48	47	43	45	45	44	43	41	42	38		47.6
16 INCHES	MAX	57	58	55	52	52	52	53	52	51	51	50	50	50	51	52	53	53	53	54	53	52	49	49	48	49	47	47	47	46	45		51.0
	MIN	55	55	52	50	51	51	50	49	49	50	49	49	49	50	51	52	52	52	53	52	51	49	47	47	47	47	45	45	45	42		49.6
32 INCHES	MAX	57	57	56	55	54	55	55	54	53	53	52	52	52	52	52	54	54	54	54	54	54	52	52	51	52	51	50	50	50	48		53.0
	MIN	56	56	55	54	53	53	53	52	52	51	51	51	50	52	52	52	53	53	53	53	53	52	51	50	51	50	48	48	47	47		51.7

Measured under Kentucky Bluegrass. Instrumentation: Copper-constantan Thermocouples connected to a Brown Electronik Potentiometer.

See reference notes following Station Index.

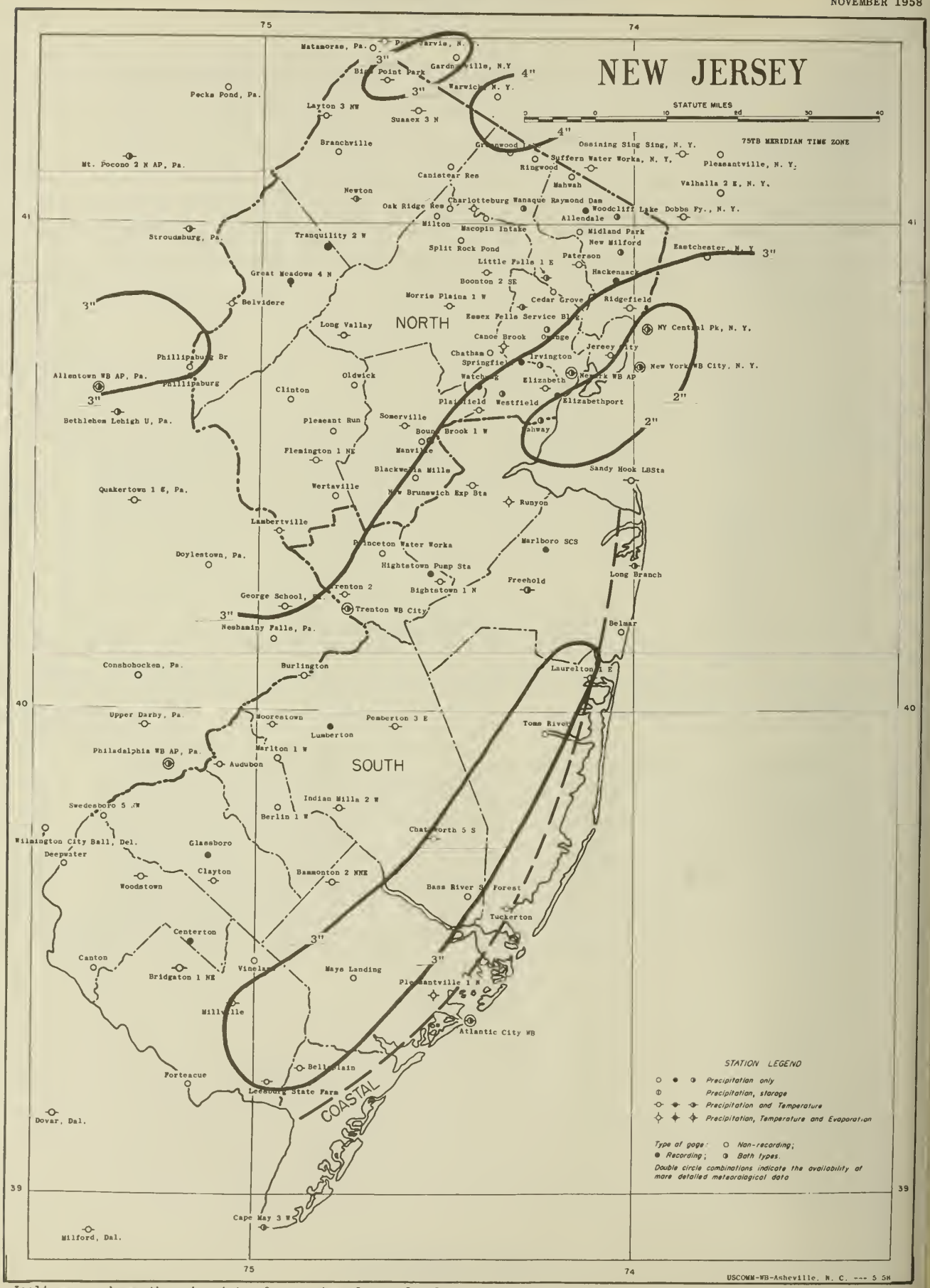
SNOWFALL AND SNOW ON GROUND

Station		Day of month																													
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
BELVIDERE	SNOWFALL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	SN ON GND	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
CHARLOTTEBURG	SNOWFALL																													1.0		
	SN ON GND																															
CLAYTON	SNOWFALL																													T	T	
	SN ON GND																															
FLEMINGTON 1 NE	SNOWFALL																						T						T		T	
	SN ON GND																															
HIGHTSTOWN 1 N	SNOWFALL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	SN ON GND	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
LAURELTON 1 E	SNOWFALL																													T		
	SN ON GND																															
LAYTON 3 NW	SNOWFALL																						T						1.2			
	SN ON GND																												1	1	1	
LITTLE FALLS 1 E	SNOWFALL																													T	T	
	SN ON GND																													T		
MOORESTOWN	SNOWFALL																													-		
	SN ON GND																															
MORRIS PLAINS	SNOWFALL			T	T																									.1	.1	
	SN ON GND																															
NEWARK WB AIRPORT	SNOWFALL		T																										T	T	T	
	SN ON GND																															
	WTR EQUIV																															
NEW BRUNSWICK EXP STA	SNOWFALL																													T		
	SN ON GND																															
NEWTON	SNOWFALL			T	T																									-		
	SN ON GND																													-	-	
PATERSON	SNOWFALL			T	T																									.2	T	
	SN ON GND																															
PHILLIPSBURG	SNOWFALL																												-			
	SN ON GND																															
PLAINFIELD	SNOWFALL																												T	T		
	SN ON GND																															
RAHWAY	SNOWFALL																												T			
	SN ON GND																															
RIDGEFIELD	SNOWFALL			T																									T	T		
	SN ON GND																															
TRENTON WB CITY	SNOWFALL																													T		
	SN ON GND																															

See reference notes following Station Index.

TOTAL PRECIPITATION

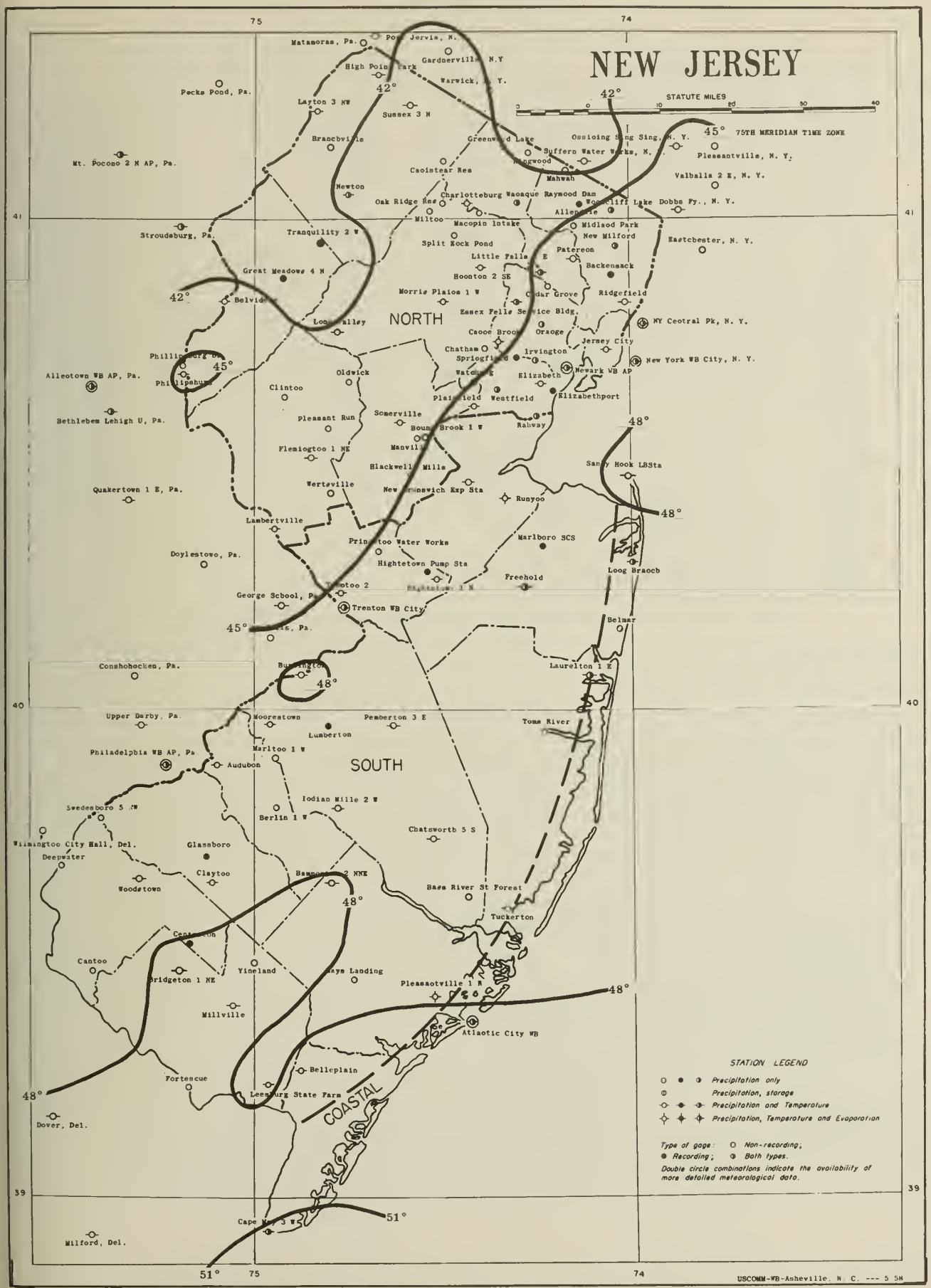
NEW JERSEY
NOVEMBER 1958



USCOMM-WB-Asheville, N. C. --- 5 58

Isolines are drawn through points of approximately equal values. Hourly precipitation data from recorder substations will be available in the publication "Hourly Precipitation Data".

AVERAGE TEMPERATURE



Isolines are drawn through points of approximately equal values. Hourly precipitation data from recorder substations will be available in the publication "Hourly Precipitation Data".

STATION INDEX

STATION	INDEX NO.	COUNTY	DRAINAGE ‡	LATITUDE	LONGITUDE	ELEVATION	OBSERVATION TIME AND TABLES: TEMP.	PRECIP.	EVAP.	SPECIAL (SEE NOTES)	OBSERVER
ALLENDALE	0100	BERGEN	8	41 02	74 08	270				C	BERGEN COUNTY ENGS
ATLANTIC CITY WB AP	0311	ATLANTIC	1	39 27	74 35	58	M10	M10	M10	C HJ	U.S. WEATHER BUREAU
# ATLANTIC CITY	0325	ATLANTIC	1	39 23	74 26	10	M10	M10		H	STATE MARINA
AUDUBON	0346	CAMDEN	2	39 54	75 04	50	11P	11P			IRVIN J. NYGREN
BASS RIVER ST FOREST	0528	BURLINGTON	1	39 37	74 26	20		6P		H	N.J. FORESTRY SVC
BELLEPLAIN	0690	CAPE MAY	1	39 16	74 52	49	5P	5P			MRS. ED C. HOFFMAN
BELMAR	0721	MONMOUTH	1	40 10	74 02	19					INACTIVE 1/58
BELVIDERE	0729	WARREN	2	40 50	75 05	289	5P	5P		H	MISS C. S. HIXSON
BERLIN 1 W	0787	CAMDEN	7	39 48	74 57	150		7A			SAMUEL M. MC CULLEY
BLACKWELLS MILLS	0847	SOMERSET	10	40 29	74 35	27		7A			HENRY H. MILLER
BOONTON 2 SE	0907	MORRIS	8	40 54	74 24	280	8A	8A			JERSEY CITY WTR WKS
BOUND BROOK 1 W	0927	SOMERSET	10	40 33	74 33	20		8A			AMERICAN CYANAMID CO
BRANCHVILLE	0978	SUSSEX	2	41 09	74 45	570		7A			ALBERT M. DAVENPORT
BURLINGTON	1211	BURLINGTON	2	40 04	74 53	12	6P	6P			PUBLIC SVC E + G CO
CAMDEN STEAM RESERVOIR	1327	SUSSEX	8	41 07	74 30	1040		8A			NEWARK WATER DEPT
CANOE BROOK	1335	ESSEX	8	40 45	74 21	180	9A	9A	9A		COMMONWEALTH WTR CO
CANTON	1343	SALEM	2	39 28	75 25	20		9A			GERTRUDE S. WILLIS
CAPE MAY 3 W	1351	CAPE MAY	1	38 56	74 57	17	5P	5P		C	N.WEST MAGNESITE CO
CEDAR GROVE	1472	ESSEX	8	40 52	74 13	400		8A			J. A. PLUNKETT
CENTERTON	1512	SALEM	6	39 31	75 10	80				C	JOHN HOPKINS UNI.
CHARLOTTEBURG	1582	PASSAIC	8	41 03	74 26	760	7A	7A		H	NEWARK WATER DEPT
CHATHAM	1590	MORRIS	8	40 44	74 23	185		8A			EDWARD P. MOLITOR
CHATSWORTH 5 S	1598	BURLINGTON	1	39 44	74 32	90	5P	5P			INACTIVE 5/58
CLAYTON	1708	GLOUCESTER	6	39 39	75 06	120	6P	6P		H	HARRY P. CAMPBELL
CLINTON	1749	HUNTERDON	10	40 38	74 55	300		6P			L. W. KLOCKNER
DEEPWATER	2209	SALEM	2	39 41	75 30	12		M1D			DU PONT DE NEMOURS
ELIZABETH	2644	UNION	1	40 40	74 14	33	5P	5P			UNION CO PARK COMM
ELIZABETHPORT	2652	UNION	8	40 39	74 12	30		N1O		C	SEWAGE TREATMENT PL
ESSEX FELLS SERV BLDG	2768	ESSEX	8	40 50	74 18	250	8A	8A		C	BOROUGH ESSEX FELLS
FLEMINGTON 1 NE	3029	HUNTERDON	10	40 31	74 51	134	5P	5P		H	DONALD YOUNG
FORTESCUE	3102	CUMBERLAND	2	39 14	75 10	5		7A			JOHN LOPER
FREEHOLD	3181	MONMOUTH	10	40 15	74 17	194	6P	6P		C H	FRANK J. MOREAU
GLASSBORO	3291	GLOUCESTER	2	39 42	75 07	150				C	PROF. J. B. SANGREE
GREAT MEADOWS 4 N	3416	WARREN	2	40 56	74 55	540				C	GANNA CHEMICAL CORP.
GREENWOOD LAKE	3516	PASSAIC	8	41 09	74 20	660		7A			GEORGE T. WIGGINS
HACKENSACK	3572	BERGEN	4	40 53	74 03	10				C	BERGEN COUNTY ENGS
HAMMONTON 2 NNE	3662	ATLANTIC	7	39 39	74 48	85	8A	8A			W. HUBBARD PARKHURST
HIGH POINT PARK	3935	SUSSEX	2	41 18	74 40	1570	8A	8A			N. J. DEPT. OF CONS.
HIGHTSTOWN 1 N	3951	MERCER	10	40 16	74 31	100	8P	8P		H	JAMES P. PICKERING
HIGHTSTOWN PUMPING STA	3956	MERCER	10	40 17	74 32	75				C	DEPT WATER + SEWAGE
INDIAN MILLS 2 W	4229	BURLINGTON	7	39 48	74 47	100	7P	7P		H	EDWARD ENTWISTLE
IRVINGTON	4260	ESSEX	1	40 43	74 15	120		M1D		C	JOINT METERING GARAGE
JERSEY CITY	4339	HUDSON	1	40 44	74 04	135	M1D	N1O			JERSEY CITY WTR DEPT
LAMBERTVILLE	4635	HUNTERDON	2	40 22	74 57	75	6P	6P		H	E. E. CASE
LAURELTON 1 E	4700	OCEAN	1	40 04	74 07	20	M1D	M1O		C H	GEORGE G. WADDILL
LAYTON 3 NW	4735	SUSSEX	2	41 15	74 51	480	6P	6P		H	A. M. DEPUE
LEESBURG STATE FARM	4762	CUMBERLAND	6	39 14	74 58	10	4P	4P			LEESBURG STATE FARM
LITTLE FALLS 1 E	4887	PASSAIC	8	40 53	74 14	157	9A	9A		C H	PASSAIC VLY WTR CONN
LONG BRANCH	4987	MONMOUTH	1	40 18	73 59	34	M1D	M1D		C HJ	WILLIAM O. MARTIN, JR.
LONG VALLEY	5003	MORRIS	10	40 48	74 46	660	6P	6P		H	ARTHUP BAPKMAN
LUMBERTON	5055	BURLINGTON	2	39 58	74 48	25				C	JAMES LAWTON
MACOPIN INTAKE	5071	PASSAIC	8	41 01	74 24	584		9A			NEWARK WATER DEPT
NAHWAH	5104	BERGEN	8	41 06	74 10	253		7A			ROBERT G. GLASGOW
NANVILLE	5197	SOMERSET	10	40 33	74 34	50		M1O			JOHN L. RADCLIFFE
HARLBORO SCS	5244	MONMOUTH	1	40 20	74 14	120				C	GEROW BRILL

STATION	INDEX NO.	COUNTY	DRAINAGE ‡	LATITUDE	LONGITUDE	ELEVATION	OBSERVATION TIME AND TABLES: TEMP.	PRECIP.	EVAP.	SPECIAL (SEE NOTES)	OBSERVER
MARLTON 1 W	5252	BURLINGTON	2	39 54	74 57	90		6P			DAVID GRISCOM
MAYS LANDING	5346	ATLANTIC	3	39 27	74 44	50		5P		H	ELMER EARLE
MIDLAND PARK	5503	BERGEN	1	40 59	74 09	210		M1D			RIDGEWOOD WATER CO.
MILLVILLE	5576	CUMBERLAND	6	39 24	75 03	60	8A	8A		C M	L. J. GALLAHER
MILTON	5597	MORRIS	8	41 01	74 32	950		7A			JERSEY CITY WTP WKS
MOORESTOWN	5728	BURLINGTON	2	39 58	74 58	55	M10	8A		H	H. J. WILLARD
MORRIS PLAINS	5769	MORRIS	8	40 50	74 30	500	8A	8A		H	JAMES C. LONG
NEWARK WB AIRPORT	6026	ESSEX	1	40 42	74 10	11	M1D	M1D		C HJ	U. S. WEATHER BUREAU
NEW BRUNSWICK EXP STA	6062	MIDDLESEX	10	40 28	74 26	80	5P	5P		GH	ARTHUR H. AMLDUIST
NEW MILFORD	6146	BERGEN	4	40 57	74 02	12		M1O		C	HACKENSACK WATER CO
NEWTON	6177	SUSSEX	2	41 03	74 45	565	8A	8A		C H	NEWTON WTP SWP COMM
OAK RIDGE RESERVOIR	6460	PASSAIC	8	41 02	74 30	870		8A			NEWARK WATER DEPT
OLDWICK	6544	HUNTERDON	10	40 40	74 45	260		8A			DAN A. COUGHLIN
ORANGE	6560	ESSEX	8	40 47	74 14	140		M1O		C	COUNTY ENGINEER
PATERSON	6775	PASSAIC	8	40 55	74 09	100	8A	8A		H	P. J. OEL VECCHIO
PEMBERTON 3 E	6843	BURLINGTON	2	39 58	74 38	60	5P	5P		H	CHARLES A. OOEHLERT
PHILLIPSBURG	6974	WARREN	2	40 41	75 12	182	3P	3P		H	SEWAGE DISPOSAL PLT
PHILLIPSBURG BRIDGE	6979	WARREN	2	40 42	75 12	196		9A			JOINT TOLL BROGE COM
PLAINFIELD	7079	UNION	10	40 36	74 25	120	8P	8P		H	NPS VIVIAN SCHEREP
PLEASANT RUN	7123	HUNTERDON	10	40 34	74 48	140		7A			JOHN H. BERRYMAN
PRINCETON WATER WORKS	7328	MERCER	10	40 19	74 40	90		M1O			PRINCETON WATER CO
RAMAPO	7393	UNION	9	40 36	74 15	20		M1O		C M	RAMAPO VLY SWG AUTH
RIDGEFIELD	7545	BERGEN	4	40 50	74 01	80	M1D	M1D		H	GEORGE P. KIRSTEN
RINGWOOD	7587	PASSAIC	8	41 08	74 16	305		10A			NO JERSEY WTR SUPPLY
SANDY HOOK LBSTA	7869	MONMOUTH	1	40 28	74 01	22	7P	7P			U. S. COAST GUARD
SHILOH	8051	CUMBERLAND	2	39 28	75 18	120	5P	5P			EVERETT DICKINSON
SOMERVILLE	8194	SOMERSET	10	40 34	74 37	75	6P	6P		H	W. E. HAVER
SPLIT ROCK POND	8402	MORRIS	8	40 58	74 28	800		10A			JERSEY CITY O P W
SPRINGFIELD	8423	UNION	1	40 43	74 18	-				C	N.J. DEPT OF CONS
SUSSEX 3 N	8644	SUSSEX	5	41 14	74 35	530	7A	7A			BRICE B. STANTON
SWEDESBORO 5 NW	8685	GLOUCESTER	2	39 47	75 24	10		12N			SUN OIL CO
TOMS RIVER	8816	OCEAN	1	39 57	74 14	10		5P			ROBERT F. SNYDER
TRANQUILITY 2 W	8858	WARREN	2	40 57	74 50	551				C	H. J. ERVEY
TRENTON 2	8878	MERCER	2	40 14	74 46	105	M10	M10			E. H. RISTOW
# TRENTON WB CITY	8883	NERCER	2	40 13	74 46	56	M10	M10		C HJ	U.S. WEATHER BUREAU
TUCKERTON	8899	OCEAN	1	39 36	74 20	10	6P	6P			PEV EDWARD O. HEGILL
VINELAND	9135	CUMBERLAND	6	39 29	75 00	110		8A			STATE HOME FOR WOMEN
WANAQUE RAYMOND DAM	9187	PASSAIC	8	41 03	74 18	320		8A		C H	WATER SUPPLY COMM
WATCHUNG	9271	UNION	8	40 40	74 25	-				C	BONNIE BURN SAN.
WERTSVILLE	9363	HUNTERDON	10	40 27	74 48	160		7A			ROBERT M. MANNERS
# WESTFIELD	9455	UNION	9	40 39	74 21	138		5P		C	CITY ENGINEER
WOODCLIFF LAKE	9832	BERGEN	4	41 01	74 03	103		M1O		C	HACKENSACK WATER CO
WOODSTOWN	9910	SALEM	2	39 39	75 19	50	5P	5P			CREAM VALLEY DAIRY

‡ 1-COASTAL; 2-DELAWARE; 3-GREAT EGG HARBOR; 4-HACKENSACK; 5-HUDSON; 6-MAURICE; 7-MULLICA; 8-PASSAIC; 9-RAHWAY; 10-RARITAN; 11-ROCKAWAY

REFERENCE NOTES

Additional information regarding the climate of New Jersey may be obtained by writing to the State Climatologist at Weather Bureau Office, c/o General Delivery, Trenton, New Jersey or to any Weather Bureau Office near you.

Figures and letters following the station name, such as 12 SSW, indicate distance in miles and direction from the post office.

Delayed data and corrections will be carried only in the June and December issues of this bulletin.

Monthly and seasonal snowfall and heating degrees for the preceding 12 months will be carried in the June issue of this bulletin.

Stations appearing in the Index, but for which data are not listed in the tables, either are missing or were received too late to be included in this issue.

Divisions, as used in "Climatological Data: Table and on the maps, became effective with data for September 1956.

Unless otherwise indicated, dimensional units used in this bulletin are: Temperature in °F, precipitation and evaporation in inches and wind movement in miles. Monthly degree day totals are the sums of the negative departures of average daily temperatures from 65° F.

Evaporation is measured in the standard Weather Bureau type pan of 4 foot diameter unless otherwise shown by footnote following the "Evaporation and Wind" Table. Max and Min in "Evaporation and Wind" Table refer to extremes of temperature of water in pan as recorded during 24 hours ending at time of observation.

Long-term means for full-time stations (those shown in the Station Index as "U. S. Weather Bureau") are based on the period 1921-1950, adjusted to represent observations taken at the present location. Long-term means for all stations except full-time Weather Bureau stations are based on the period 1931-1955.

Water equivalent values published in the "Snowfall and Snow on Ground" Table are the water equivalent of snow, sleet, or ice on the ground. Samples for obtaining measurements are taken from different points for successive observations; consequently occasional drifting and other causes of local variability in the snowpack may result in apparent inconsistencies in the record.

Entries of snowfall in the "Climatological Data" Table and the "Snowfall and Snow on Ground" Table, and in the "Seasonal Snowfall" Table include snow and sleet. Entries of snow on ground include snow, sleet and ice.

Data in the "Daily Precipitation" Table; "Daily Temperature" Table; and "Evaporation and Wind" Table, and snowfall in the "Snowfall and Snow on Ground" Table, when published, are for the 24 hours ending at time of observation. The Station Index shows observation times in local standard time. During the summer months some observers take the observations on daylight saving time.

Snow on ground in the "Snowfall and Snow on Ground" Table is at observation time for all except Weather Bureau and CAA stations. For these stations snow on ground values are at 7:00 a.m., E.S.T.

No record in the "Climatological Data" Table and the "Daily Temperature" Table is indicated by no entry.

Interpolated values for monthly precipitation totals may be found in the annual issue of this publication.

- \- No record in the "Daily Precipitation" Table; "Evaporation and Wind" Table; "Snowfall and Snow on Ground" Table; and the Station Index.
- \+ And also on an earlier date or dates.
- ++ Fastest observed one minute wind speed. This stations is not equipped with automatic wind instruments.
- * Amount included in following measurement, time distribution unknown.
- \# Thermometers are generally exposed in a shelter located a few feet above sod-covered ground; however, the reference indicates that the thermometers are exposed in a shelter located on the roof of a building.
- // Gage is equipped with a windshield.
- AR This entry in time of observation column in Station Index means after rain.
- AM Data based on observational day ending before noon.
- B Adjusted to a full month.
- D Water equivalent of snowfall wholly or partly estimated, using a ratio of 1 inch water equivalent to every 10 inches of new snowfall.
- M One or more days of record missing; if average value is entered, less than 10 days record is missing. See "Daily Temperature" Table for detailed daily record. Degree day data, if carried for this station, have been adjusted to represent the value for a full month.
- S Amounts from recording gage. (These amounts are essentially accurate but may vary slightly from the amounts to be published later in Hourly Precipitation Data.)
- BS This entry in time of observation column in Station Index means observation made near sunset.
- T Trace, an amount too small to measure.
- V Includes total for previous month.
- X Obeervation time is 1:00 a.m., E.S.T. of the following day.
- VAR This entry in time of observation column in Station Index means variable.

In the Station Index the letters C, G, S, and J in the "Special" column under the heading "Observation Time and Tables", indicate the following:

- C Weighing Rain Gage Recording Station. Hourly precipitation values are processed for special purposes, and are published later in "Hourly Precipitation Data" Bulletin.
- G "Soil Temperature" Table.
- S "Snowfall and Snow on Ground" Table. Omission of data in any month indicates no snowfall and/or snow on ground in that month.
- J "Supplemental Data" Table.

Information concerning the history of changes in locations, elevations, exposure etc. of substations through 1955 may be found in the publication "Substation History" for this state. That publication may be obtained from the Superintendent of Documents, Government Printing Office, Washington 25, D. C. for 15 cents. Similar information for regular Weather Bureau stations may be found in the latest annual issue of Local Climatological Data for the respective stations, obtained as indicated above, price 15 cents.

General weather conditions in the U. S. for each month are described in the publications MONTHLY WEATHER REVIEW and the monthly CLIMATOLOGICAL DATA, NATIONAL SUMMARY, either of which may be obtained from the Superintendent of Documents, Government Printing Office, Washington 25, D. C.

Subscription Price: 20 cents per copy, monthly and annual; $2.50 per year. (Yearly subscription includes the Annual Summary). Checks, and money orders should be made payable to the Superintendent of Documents. Remittance and correspondence regarding subscriptions should be sent to the Superintendent of Documents, Government Printing Office, Washington 25, D. C.

DSCOMM-WB-Asheville, N. C. --- 1/6/59 --- 750

551.05
NNJ
op.1

U. S. DEPARTMENT OF COMMERCE
LEWIS L. STRAUSS, Secretary
WEATHER BUREAU
F. W. REICHELDERFER, Chief

CLIMATOLOGICAL DATA

NEW JERSEY

DECEMBER 1958
Volume LXIII No. 12

THE LIBRARY OF THE
MAR 5 1959
UNIVERSITY OF ILLINOIS

ASHEVILLE: 1959

NEW JERSEY - DECEMBER 1958

TEMPERATURE AND PRECIPITATION EXTREMES

Highest Temperature: 60° on the 5th at Belleplain

Lowest Temperature: -10° on the 11th at Layton 3 NW

Greatest Total Precipitation: 2.73 inches at Belleplain

Least Total Precipitation: 0.74 inch at High Point Park

Greatest One-Day Precipitation: 1.35 inches on the 29th at Atlantic City

Greatest Reported Total Snowfall: 7.7 inches at Branchville

Greatest Reported Depth of Snow on Ground: 5 inches on the 9th at Ridgefield

CLIMATOLOGICAL DATA

NEW JERSEY
DECEMBER 1958

Station		Temperature													Precipitation									
										No of Days									Snow, Sleet			No of Days		
										Max		Min												
		Average Maximum	Average Minimum	Average	Departure From Long Term Means	Highest	Date	Lowest	Date	Degree Days	90° or Above	32° or Below	32° or Below	0° or Below	Total	Departure From Long Term Means	Greatest Day	Date	Total	Max Depth on Ground	Date	10 or More	50 or More	1.00 or More
NORTHERN																								
BELVIDERE		34.6	16.9	25.8	- 6.2	51	30	1	11	1208	0	12	30	0	0 1.33	- 2.31			3.3					0
BOONTON 2 SE	AM	33.6	15.8	24.7	- 6.9	53	31	0	11	1243	0	16	29	1	1.07	- 2.17	.30	15				6	0	0
CANOE BROOK	AM	34.7	14.4	24.6	- 6.7	53	31+	- 3	11	1247	0	16	29	2	1.29	- 2.23	.76	4	3.5	3	9	3	1	0
CHARLOTTEBURG	AM	32.7	12.5	22.6	- 8.5	53	29	- 8	11	1296	0	16	29	3	1.29	- 2.66	.50	4	4.5	2	12+	5	1	0
ELIZABETH		38.8	20.4	29.6	- 5.2	55	30+	9	14	1089	0	7	27	0	2.00	- 1.42	.74	4	5.2	4	9	3	2	0
ESSEX FELLS SERV BLDG	AM	32.4	14.5	23.5		50	31+	1	11	1283	0	18	31	0	1.37		.60	4				3	1	0
FLEMINGTON 1 NE		36.5	15.5	26.0	- 7.5	54	30+	- 3	11	1201	0	12	30	1	1.49	- 1.86	.71	4	4.5	4	11+	3	2	0
HIGH POINT PARK	AM	30.2M	10.9M	20.6M		45	31+	- 3	25	1371	0	19	30	4	.74		.42	6	6.0	3	11+	3	0	0
JERSEY CITY		34.4	21.2	27.8	- 5.8	53	5	11	22	1147	0	14	28	0	1.81	- 1.37	.76	4				4	2	0
LAMBERTVILLE		37.1	18.5	27.8	- 5.9	54	5	3	11	1144	0	11	28	0	1.53	- 1.62	.97	4	2.5	3	9	3	1	0
LAYTON 3 NW		33.8	12.2	23.0	- 5.8	50	30+	-10	11	1294	0	16	31	6	1.06	- 1.68	.46	5	4.8	2	18+	3	0	0
LITTLE FALLS 1 E	AM	36.7	18.1	27.4	- 6.2	55	6	2	11	1158	0	12	29	0	1.25	- 2.53	.66	4	3.0	3	9	4	1	0
LONG VALLEY		35.7	14.0	24.9		51	30	- 5	11	1236	0	13	30	2	0 1.81	- 1.75	.71	4	5.0			6	1	0
MORRIS PLAINS	AM	34.2	15.9	25.1		52	31	- 2	11	1229	0	16	29	1	1.18		.62	4	3.8			4	1	0
NEWARK WB AIRPORT	R	36.8	21.5	29.2	- 4.8	55	5	12	25+	1103	0	13	27	0	1.45	- 1.65	.49	4	5.3	4	9	5	0	0
NEWTON	AM	31.1	12.2	21.7	- 8.2	49	6	- 6	11	1337	0	18	31	4	.85	- 2.28	.41	4	4.4	3	9	4	0	0
PATERSON	AM	36.2	19.4	27.8	- 6.3	54	6	8	11	1147	0	12	30	0					5.2	4	9			
PHILLIPSBURG		37.4	18.2	27.8	- 4.7	53	5	1	11	1147	0	11	28	0	V 3.87	- 3.46			2.0	2	11			
PLAINFIELD		36.9	19.7	28.3	- 5.8	57	30	3	11	1131	0	12	26	0	1.76	- 1.67	.80	4	3.5	3	9		1	0
RIDGEFIELD		35.5	19.7	27.6	- 5.9	52	5	8	11	1153	0	13	28	0	1.96	- 1.64	.70	4	7.5	5	9	5	2	0
SOMERVILLE		36.0	17.0	26.5	- 6.7	53	5	- 1	11	1186	0	13	27	1	1.26	- 1.97	.70	4	3.5	3	9	3	1	0
SUSSEX 3 N	//AM	30.6	12.5	21.6	- 9.0	48	31+	- 4	11	1340	0	19	31	3	.90	- 2.52	.42	4	4.0	2	17+	3	0	0
DIVISION				25.6	- 6.9										1.37	- 2.10			4.3					
SOUTHERN																								
AUDUBON		37.8	21.9	29.9		57	5	9	22	1084	0	11	27	0	1.49		.61	4	1.0	1	14	4	2	0
BELLEPLAIN		39.8	19.1	29.5		60	5	- 2	14	1095	0	9	26	1	0 2.73	- .80	.80	30	6.0			6	3	0
BURLINGTON		39.1	21.7	30.4	- 5.6	57	5	8	22	1065	0	6	26	0	1.26	- 1.68	.77	4				4	1	0
CLAYTON		37.4	21.2	29.3		57	5	7	22	1102	0	13	27	0	1.02		.63	4	.5	1	14	2	1	0
FREEHOLD		37.5	19.9	28.7	- 6.0	55	5	5	22+	1116	0	13	27	0	1.61	- 1.77	.97	4	3.0	2	16+	4	1	0
HAMMONTON 2 NNE	AM	37.8	20.4	29.1	- 7.0	58	6	7	11	1105	0	12	27	0	1.72	- 1.40	.81	30				2	2	0
HIGHTSTOWN 1 N		37.4	19.7	28.6	- 5.7	55	6+	4	11	1121	0	12	26	0	1.12	- 1.80	.79	4	2.3	1	16+	2	1	0
INDIAN MILLS 2 W		37.8	17.8	27.8	- 7.2	58	23	0	22	1145	0	12	27	1	1.40	- 1.72	.68	4	1.0	1	14	3	1	0
LAURELTON 1 E																								
LEESBURG STATE FARM		39.1	21.8H	30.5M		55	6+	5	22	1065	0	8	26	0	2.25		.88	30	3.0	3	14	4	2	0
MILLVILLE	AM	38.3	19.1M	28.7M		58	6	8	22+	1141	0	9	28	0	1.29		.67	29	2.0			3	1	0
MOORESTOWN		37.0	20.6	28.8	- 6.0	57	5	6	22	1117	0	12	28	0	1.41	- 1.34	.93	4	1.1	1	15	2	1	0
NEW BRUNSWICK EXP STA		37.3	19.3	28.3	- 5.9	55	5	5	11	1129	0	12	26	0	1.67	- 1.39	.92	4	3.0	2	10+	4	1	0
PEMBERTON 3 E		39.1	18.7	28.9	- 6.8	58	23	1	22	1111	0	12	26	0	1.40	- 1.51	.80	4	1.0	1	15+	3	1	0
SHILOH		38.4	21.4	29.9	- 6.2	57	5	9	22	1083	0	9	26	0	1.34	- 1.78	.60	4	.3	T	14	3	1	0
TRENTON 2		35.8M	18.9	27.4M		55	5	8	22+	1166	0	13	28	0	1.53	- 1.76	.85	4	1.5	T	16+	3	1	0
TRENTON WB CITY	R	36.2	22.0	29.1	- 5.9	57	5	11	11	1105	0	13	28	0	1.16	- 1.62	.56	4	1.6	1	15+	3	1	0
TUCKERTON																								
WOODSTOWN		39.3	20.5	29.9		58	5	5	22	1084	0	10	27	0	0 1.52		.78	4	.5	0		3	1	0
DIVISION				29.1	- 6.1										1.52	- 1.64			1.9					
COASTAL																								
ATLANTIC CITY WB AP		37.7	18.8	28.3	- 8.4	57	5	2	14	1132	0	13	28	0	2.64	- .44	1.28	29	5.1	4	17+	3	2	1
ATLANTIC CITY	R	36.4	22.7	29.6	- 8.6	55	5	14	22	1091	0	12	26	0	2.62	- .69	1.35	29	5.0	4	17+	5	2	1
CAPE MAY 3 W		39.2M	24.4M	31.8M		57	5	15	17	1032	0	8	28	0	0 2.38		1.20	29	2.0	2	14	5	1	1
LONG BRANCH	R	36.7	21.4	29.1	- 6.1	54	23	9	22+	1105	0	11	27	0	1.99	- 1.55	.99	4	4.0	3	16+	3	2	0
SANDY HOOK LBSTA		40.7	22.9	31.8	- 4.3	55	6	2	11	1021	0	5	26	0	2.49	- .58	1.30	4				4	2	1
DIVISION				30.1	- 6.8										2.42	- .79			4.0					

SUPPLEMENTAL DATA

Station	Wind direction		Wind speed m. p. h.				Relative humidity averages percent				Number of days with precipitation							Percent of possible sunshine	Average sky cover sunrise to sunset
	Prevailing	Percent of time from prevailing	Average	Fastest mile	Direction of fastest mile	Date of fastest mile	1:00 a EST	7:00 a EST	1:00 p EST	7:00 p EST	Trace	.01-.09	.10-.49	.50-.99	1.00-1.99	2.00 and over	Total		
ATLANTIC CITY WB AIRPORT	WNW	16	11.5	-	-	-	73	77	53	67	2	5	1	1	1	0	10	-	5.4
LONG BRANCH	NW	20	14.2	52	NW	5	-	68	59Ø	59	2	7	1	2	0	0	12	65	5.0
NEWARK WB AIRPORT	NNE	15	10.0	29++	W	6+	66	69	52	60	6	3	5	0	0	0	14	-	5.3
TRENTON WB CITY	-	-	9.6	37	NW	5	-	-	-	-	2	4	2	1	0	0	9	62	5.4

Ø 12:00 Noon

See Reference Notes Following Station Index

DAILY PRECIPITATION

NEW JERSEY
DECEMBER 1958

Station	Total	Day of month																														
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
ATLANTIC CITY WB AP	2.64			.06	.86	.02						.20	.08		.06									T	T				1.28	.08		
ATLANTIC CITY R	2.62			.04	.66	.06						.20	.10		.06									T	T				T	1.35	.15		
AUDUBON	1.49			.23	.61	T									.10															.55			
BASS RIVER ST FORES7 y	5.45				1.79								D.30		D.05	D.05															1.34		
BELLEPLAIN D	2.75				.52	.05							D.40		D.20										.20				.04	.52	.80		
BELVIDERE D	1.33		D.05	*	.80					D.30																						
BERLIN 1 W	2.60				1.25	.80										7														.20		
BLACKWELLS MILLS	1.67				.93	.05	.07			.18																				.55		
BOONTON 2 SE	1.07				.20	.10	.14			.18						.30														.44		
BOUND BROOK 1 W	1.17				.72	.01				.10						.01														.15		
																														.33		
BRANCHVILLE	.92				.44	.02	.21			.14						.02														.09		
BURLINGTON	1.26			.10	.77	.05				.04					T					T	T								T	.20	.10		
CAMISTEAR RESERVOIR	1.00				.51	.01	.20			.15						.02															.11		
CANOE BROOK	1.29				.76	T	.03			.17						.04															.29		
CANTON	1.05				.44											.01															.60		
CAPE MAY 5 W D	2.38				.35								.20		D.20										.08					1.20	.35		
CEDAR GROVE	1.53				.82	.15				.28																					.28		
CHARLOTTEBURG	1.29				.50	.14	.28			.16						.04	T														.17		
CHATHAM	1.93				1.27		.10			.19						.08															.29		
CLAYTON	1.02			.05	.63	.05									.04	T										T				.25			
CLINTON	1.46		T		.71	.11				.24					7																.40		
DEEPWATER	-		.26		.57	.03									7															-			
ELIZABETH	2.00		.07		.74	.08				.41						.06					.06									.05	.53		
ELIZABETHPORT	1.67		.18		.60	.05			.09	.10					.04	.01														.60			
ESSEX FELLS SERV BLDG	1.57				.60					.41						.03															.33		
FLEMINGTON 1 NE	1.49			.03	.71	.07	T			.16					.02	T														T	.50		
FORTESCUE	1.57				.42	.06							.06			.09									.06					.03	.85		
FREEHOLD	1.61		7		.97	.06				.13			.02		.07	T														.10	.26		
GREENWOOD LAKE	1.57				.55	.10	.57			.15						.06	T															.14		
HAMMONTON 2 NNE	1.72				.74	.05						.05				.07															.81		
HIGH POINT PARK	.74				.17		.42			.15							T																
HIGHTSTOWN 1 N	1.12		T		.79	T	T			.08					.04						T									.06	.15		
INDIAN MILLS 2 W	1.40		.07		.68	.02				T			T		.07						T									.44	.12		
IRVINGTON	1.30		.16		.48	.02			.10	.14					.06															.34			
JERSEY CITY	1.81		.24		.76	.05			.04	.10					.02	T				7										.60	T		
LAMBERTVILLE	1.53		.05		.97	.04				.15					.01															.07	.24		
LAURELTON 1 E		RECORD MISSING																															
LAYTON 3 NW	1.06		.02		.30	.46			T	.24						T															.04		
LEESBURG STATE FARM	2.25				.48	T							.15		.07										.08					.61	.88		
LITTLE FALLS 1 E	1.25				.66	.01	.11			.17						.04															.26		
LONG BRANCH R	1.99			.07	.99	.01			.06	.10		.02	.07		.09					.01									.57	T		
LONG VALLEY D	1.81		D.10		.71	.15				D.30					D.10														.45			
MACOPIN INTAKE	1.25				.60	.05	.24			.16						.03															.17		
MAHWAH	1.14				.59	.01	.24			.16						.03															.11		
MANVILLE D	1.63		.22		.43	.08				D.30					T														.60			
MARLTON 1 W	1.51		.01		.94	.05				T					.05														.40	.08		
MAYS LANDING	2.12		.20			.36						T	.40															T	.86	.30		
MIDLAND PARK	1.05		.20		.42	.13			.01	.05					.03	.02														.19			
MILLVILLE	1.29		.10		.36	.02						.05			.05							T			.04				.67			
MILTON	1.14				.55	.05	.14			.25																					.15		
MOORESTOWN	1.41				.93	.02	T			T						.03															.43		
MORRIS PLAINS	1.18		T		.62	T	.15			.16	T					.04										T					.21		
NEWARK WB AIRPOR7 R	1.45		.16		.49	.08	T	T	.11	.23		T			.04	.02				T	T								.52	T		
NEW BRUNSWICK EXP STA	1.67		T		.92	.05				.15					.04														.10	.41		
NEW MILFORD	1.08		.12		.50	.10			.02	.10						.04														.20			
NEWTON	.85				.41	T	.14			.14						.02															.14		
OAK RIDGE RESERVOIR	1.34				.64	.04	.23			.22					7	.03															.18		
OLDWICK	1.20				.62	T	.11			.18						.01									.7						.28		
ORANGE	1.43				.70	.08				.32						.03														.30			
PATERSON	-				.85		.03			.25						.08															-			
PEMBERTON 3 E	1.40			.05	.80	.04				.02			T		.07															.26	.16		
PHILLIPSBURG y	3.87				1.97					T		.12									T										.40		
PHILLIPSBURG BRIDGE	.89				.63	.02				.04							T														.20		
PLAINFIELD	1.76		.06		.80	.12		*		.21					.05														.32	.20		
PLEASANT RUN	1.34				.48	.04	.08			.15						.12															.47		
PRINCETON WATER WORKS	1.57		.17		.71	.01			.02	.10					.10															.26		
RAHWAY	1.62		.22		.61	.04			.12	.08					.03	.02													.49	.01		
RIDGEFIELD	1.96		.28		.70	.08			.05	.20					.12					T									.52	.01		
RINGWOOD	1.10				.53	.02	.22			.15						.03															.15		
SANDY HOOK L8STA	2.49		.01		1.30	.07				.15			.01			.15					.01									.75	.04		
SHILOH	1.34		.01		.60	.02									.03															.38	.30	T	
SOMERVILLE	1.26		7		.70	.07				.14					.05																.30		
SPLIT ROCK POND	1.15				.56	.03	.21			.20						.02															.13		
SUSSEX 3N //	.90				.42		.29			.15						.05	T														.01		
SWEDESBORO 5 NW	1.32				.66	.04	.01									.01														T	.60		
TOMS RIVER	1.04				.77							.07	.08		.12																		
TRENTON 2	1.53		.17		.85	.07	T		.04	.08					.05															.27			
TRENTON WB CITY R	1.16		.25		.56	.03	T		.06	.03					.06						T									.17			
TUCKERTON		RECORD MISSING																															
VINELAND	1.53				.55	.04	7						.04			.07									.01						.84		
WANAQUE RAYMOND DAM	1.22				.60	.02	.24			.14						.04															.18		
WERTSVILLE	1.56		.01		.88	.02	.06			.15						.01															.43		
WESTFIELD	1.28			.22	.50					.13																			.38	.05		
WOODCLIFF LAKE	1.15			.16	.38	.15				.20						.06													.20			
WOODSTOWN D	1.52			.02	.78	.04									D.05														.43	.20		

See Reference Notes Following Station Index

DAILY TEMPERATURES

Station		Day Of Month																													Average
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
ATLANTIC CITY WB AP	MAX	39	40	46	49	57	37	29	31	35	25	26	30	30	27	28	26	43	37	46	46	28	32	52	45	30	32	39	48	44	54	38	37.7
	MIN	15	21	25	40	35	21	19	20	21	11	12	12	8	2	13	13	12	21	16	15	12	6	32	30	15	13	7	26	39	32	20	18.8
ATLANTIC CITY	MAX	38	40	48	48	55	36	29	31	34	25	28	28	30	27	27	26	41	38	41	39	27	35	48	43	29	30	35	42	40	52	38	36.4
	MIN	22	24	29	40	34	21	18	22	21	17	15	18	18	18	15	16	22	22	26	17	15	14	34	29	16	15	20	30	37	33	26	22.7
AUDUBON	MAX	37	41	39	46	57	35	30	32	34	25	23	33	32	28	29	29	43	40	47	41	30	30	54	47	30	34	40	50	42	55	38	37.8
	MIN	20	27	27	38	33	22	18	22	21	16	12	16	22	16	19	17	20	28	22	17	15	9	25	29	15	16	14	28	37	33	24	21.9
BELLEPLAIN	MAX	38	38	44	49	60	55	30	32	35	32	25	33	32	30	27	28	45	41	43	43	34	31	48	45	37	34	40	49	48	55	52	39.8
	MIN	12	19	24	41	40	29	18	20	23	15	9	16	5	-2	23	3	6	21	14	30	7	3	22	36	16	7	6	24	41	39	25	19.1
BELVIDERE	MAX	34	41	33	37	48	37	25	29	29	23	20	26	29	24	21	26	43	37	44	43	27	27	43	46	34	33	36	46	44	51	37	34.6
	MIN	14	24	25	30	34	25	16	17	18	6	1	9	11	4	19	12	16	16	18	18	8	4	21	31	11	10	8	17	32	30	18	16.9
BOONTON 2 SE	MAX	26	33	39	36	40	50	31	30	30	30	24	21	30	30	27	26	28	35	36	42	28	26	27	44	37	20	34	37	50	42	53	33.6
	MIN	18	21	24	27	34	30	18	19	20	11	0	1	14	4	9	16	14	21	17	20	7	4	8	22	9	10	9	10	20	35	19	15.8
BURLINGTON	MAX	37	42	39	45	57	45	30	34	37	36	34	35	35	32	32	28	41	40	46	42	27	27	45	48	34	34	39	48	47	54	41	39.1
	MIN	19	25	27	33	37	24	19	21	22	15	11	15	19	16	22	18	20	26	21	23	18	8	21	33	12	13	12	26	36	38	23	21.7
CANOE BROOK	MAX	26	35	40	37	42	53	31	29	31	30	24	21	30	30	27	27	28	38	36	46	28	27	29	45	40	24	36	41	51	41	53	34.7
	MIN	14	21	21	26	36	28	17	17	15	0	-3	5	6	1	12	3	11	19	12	19	6	5	10	19	11	9	12	16	25	35	19	14.4
CAPE MAY 3 W	MAX	41	40		53	57			32	38	34	27	31	31	31		31	43	38	43	41	31	31	47	45	38	41	38	46	46		45	39.2
	MIN	20	31		33			24	27	26	22	16	19	28	18		22	15	28	24	30	21	16	28	35	20	19	16	29	39		28	24.4
CHARLOTTEBURG	MAX	24	32	37	36	40	50	29	28	28	29	21	19	29	28	25	25	26	35	34	43	25	20	36	46	35	18	33	40	53	40	49	32.7
	MIN	11	19	21	24	33	26	14	15	15	7	-8	5	6	-2	-2	13	11	19	12	13	4	6	10	33	5	4	3	5	18	32	15	12.5
CLAYTON	MAX	35	40	39	45	57	43	29	30	29	26	22	32	30	28	28	27	39	42	43	42	30	29	51	48	32	33	41	53	49	53	35	37.4
	MIN	17	27	24	34	39	26	18	22	22	16	12	16	18	14	19	14	21	27	23	20	12	7	23	26	14	12	11	25	37	35	25	21.2
ELIZABETH	MAX	35	45	39	44	55	54	33	35	34	27	24	34	33	29	30	30	40	40	46	44	30	29	46	43	33	36	41	52	43	55	44	38.8
	MIN	17	24	26	36	38	25	14	19	21	17	16	17	16	9	23	17	16	24	18	13	10	17	22	31	11	10	12	21	36	36	21	20.4
ESSEX FELLS SERV BLDG	MAX	30	30	32	35	40	28	22	24	48	34	25	22	24	26	24	25	29	29	35	38	28	30	28	38	35	28	35	38	50	43	50	32.4
	MIN	12	20	18	20	22	14	12	16	14	10	1	3	9	8	10	12	14	20	24	25	6	6	6	20	18	8	8	15	20	32	25	14.5
FLEMINGTON 1 NE	MAX	36	40	35	43	53	43	28	29	29	22	20	35	29	26	25	27	38	36	47	38	28	27	48	46	31	37	42	54	43	54	41	36.5
	MIN	11	23	19	30	31	21	15	15	17	6	-3	11	8	1	19	14	12	21	12	19	5	3	18	31	11	8	4	15	35	31	19	15.5
FREEHOLD	MAX	36	39	41	44	55	53	31	31	31	24	24	30	30	29	26	28	41	37	47	40	27	27	52	47	32	34	40	52	42	53	40	37.5
	MIN	20	27	26	38	39	24	16	18	19	11	5	16	16	10	19	13	15	22	21	22	10	5	20	32	11	11	13	25	35	36	21	19.9
HAMMONTON 2 NNE	MAX	26	38	41	45	45	58	49	35	31	33	25	24	32	33	27	26	28	44	39	43	32	31	31	55	41	24	35	48	57	42	53	37.8
	MIN	17	24	25	30	39	29	18	22	23	14	7	10	16	9	24	12	15	23	22	28	9	9	16	35	15	13	11	15	40	38	24	20.4
HIGH POINT PARK	MAX	30	28	38	32	35	38	24	25	25	27	17	14	20	25		22	22	29	32	38	32	20	35	42	38	18	29	38	44	45	45	30.2
	MIN	8	14	18	20	29	20	9	9	11	2	0	4	9	8		7	10	17	20	8	-2	-1	2	26	-3	2	8	18	18	28	8	10.9
HIGHTSTOWN 1 N	MAX	35	40	38	43	55	55	30	31	30	25	22	30	30	26	27	27	41	37	47	41	29	28	51	48	33	34	38	50	44	54	40	37.4
	MIN	17	27	24	34	39	24	17	19	22	11	4	15	16	6	20	12	16	22	22	24	10	5	21	33	12	10	12	24	35	37	21	19.7
INDIAN MILLS 2 W	MAX	37	40	40	45	57	42	29	30	33	25	23	32	31	26	27	27	43	38	46	41	29	29	58	48	32	34	40	54	43	54	38	37.8
	MIN	14	20	20	38	39	22	18	20	20	14	5	14	13	5	15	8	11	20	15	20	7	0	21	31	13	9	4	21	36	37	21	17.8
JERSEY CITY	MAX	33	40	39	41	53	34	30	29	31	24	23	27	30	26	27	28	38	35	44	39	26	25	44	40	20	31	37	47	40	49	35	34.4
	MIN	20	28	30	35	34	20	18	21	20	14	12	17	20	18	19	17	21	27	27	14	13	11	26	21	12	13	18	32	25	33	21	21.2
LAMBERTVILLE	MAX	36	40	36	43	54	46	30	30	31	25	21	33	32	25	27	29	38	38	46	41	28	29	50	47	33	35	40	51	44	53	40	37.1
	MIN	15	24	22	33	39	23	18	19	22	10	3	12	11	6	19	15	14	20	16	20	10	5	23	32	14	10	9	21	35	32	21	18.5
LAURELTON 1 E	MAX																																
	MIN																																
LAYTON 3 NW	MAX	30	38	30	39	45	42	30	28	30	23	22	28	28	23	27	28	30	36	44	40	27	25	43	38	28	33	33	50	40	50	40	33.8
	MIN	7	25	17	26	28	18	12	13	11	-3	-10	7	2	-5	19	5	15	24	30	14	4	-5	20	25	4	-2	-1	12	25	26	15	12.2
LEESBURG STATE FARM	MAX	36	37	42	44	55	55	43	39	45	43	30	29	30	30	25	26	40	35	40	38	28	29	45	45	38	37	37	47	42	52	50	39.1
	MIN	15	20	24	36	37	28	18	21	23	15	14	18	19	18	22	20		18		23	14	5	20	35	16	9	18	26	38	37	25	21.8
LITTLE FALLS 1 E	MAX	30	36	42	39	42	55	36	32	32	33	27	22	32	33	28	29	31	38	39	44	29	29	32	46	46	33	36	40	51	42	54	36.7
	MIN	18	24	26	30	36	29	19	19	22	12	2	10	12	6	21	7	18	25	18	23	9	7	13	28	10	10	9	13	29	35	20	18.1
LONG BRANCH	MAX	38	40	45	42	53	37	30	30	30	23	26	30	30	35	34	27	44	38	46	41	28	27	54	40	23	34	41	47	41	50	35	36.7
	MIN	20	32	29	40	37	20	19	21	17	11	9	20	19	14	14	14	17	26	24	18	13	9	29	22	14	13	16	29	38	35	25	21.4
LONG VALLEY	MAX	33	39	32	41	48	45	29	30	31	25	20	31	32	27	28	31	35	36	43	35	27	28	43	40	34	44	38	45	44	51	42	35.7
	MIN	12	23	20	30	35	20	15	10	18	7	-5	12	6	-3	8	11	12	11	10	11	4	2	22	21	18	10	3	15	27	28	22	14.0
MILLVILLE	MAX	28	39	41	46	46	58	38	31	33	35	26	25	34	32	28	28	30	45	40	45	35	30	36	52	44	34	35	41	53	45	54	38.3
	MIN	18	17	26	31	40		20	18	23	17	12	14	15	8	17	14	13		19	21	12	8		34	16	12	11	17		39	25	19.1
MOORESTOWN	MAX	37	41	38	46	57	34	32	30	32	24	22	33	32	29	30	28	41	40	47	38	29	30	53	42	26	35	39	50	41	53	37	37.0
	MIN	19	24	26	38	33	20	19	23	20	13	10	15	19	10	20	18	20	24	21	16	12	6	28	23	15	14	15	28	37	31	21	20.6
MORRIS PLAINS	MAX	27	33	40	36	42	50	29	30	31	32	26	19	32	31	26	28	29	34	38	42	27	26	29	45	39	22	35	38	51	40	52	34.2
	MIN	13	20	23	27	36	28	16	17	16	9	-2	3	11	4	21	13	12	20	14	21	6	5	8	24	9	13	7	18	27	35	19	15.9
NEWARK WB AIRPORT	MAX	37	41	39	44	55	36	30	32	31	25	24	30	32	30	30	30	41	39	47	39	27	29	46	41	23	37	42	50	43	53	38	36.8
	MIN	20	31	29	37	36	21	19	22	18	13	12	18	20	16	18	18	22	28	24	16	13	12	25	20	12	15	17	25	34	33	22	21.5
NEW BRUNSWICK EXP STA	MAX	35	38	38	43	55	53	28	28	30	26	24	31	30	28	28	28	40	38	47	43	28	26	49	47	35	33	38	48	44	54	44	37.3
	MIN	16	26	25	33	38	23	16	18	20	10	5	15	15	9	21	15	15	23	20	22	10	6	20	33	12	10	11	22	34	36	20	19.3
NEWTON	MAX	25	32	37	33	36	49	27	27	27	28	22	18	23	28	25	24	26	33	34	42	22	24	26	42	36	18	32	36	47	37	48	31.1
	MIN	13	18	22	25	32	26	15	15	17	7	-6	-3	6	-2	2	12	10	21	15	16	2	-1	3	26	7	9	5	6	15	30	16	12.2
PATERSON	MAX	27	34	42	38	42	54	33	31	33	32	25	22	31	32	29	34	38	36	39	46	29	29	32	45	39	28	36	42	50	42	53	36.2
	MIN	18	23	26	27	34	27	17	19	19	11	8	12	15	14	20	20	20	26	23	22	10	9	10	29	10	11	15	24	32	32	19	19.4
PEMBERTON 3 E	MAX	38	43	42	45	57	56	31	30	32	25	23	31	32	28	28	28	44	39	48	42	30	29	58	51	34	33	41	52	45	56	41	39.1
	MIN	14	24	20	38	39	23	17	19	21	14	6	14	13	5	18	12	13	21	17	22	9	1	20	33	14	7	6	24	38	35	22	18.7
PHILLIPSBURG	MAX	35	37	34	50	53	52	51	28	30	26	23	30	30	27	28	28	34	37	46	44	28	28	44	43	36	34	39	48	48	46	43	37.4
	MIN	15	25	24	33	32	25	17	18	25	10	1	10	14	5	22	14	17	24	16	19	8	6	20	33	12	11	8	18	30	33	20	18.2
PLAINFIELD	MAX	36	42	39	44	54	33	31	32	32	27	23	33	32	29	28	30	40	40	46	33	30	28	46	42	25	36	42	52	42	57	39	36.9
	MIN	16	27	26	33	36	28	17	20	22	11	3	15	13	7	24	15	15	26	17	26	10	7	21	34	12	10	10	20	35	33	22	19.7
RIDGEFIELD	MAX	34	41	39	46	52	35	32	32	23	25	25	30	31	29	28	30	39	39	43	39	28	27	42	39	22	35	40	49	42	50	36	35.5
	MIN	20	28	27	36	35	21	18	20	15	9	8	16	17	11	16	16	19	28	25	15	11	9	27	18	11	9	19	25	34	28	21	19.7
SANDY HOOK LBSTA	MAX	38	43	46	45	52	55	33	33	40	39	28	31	30	32	32	34	40	40	44	45	42	43	42	43	43	36	39	47	44	48	54	40.7
	MIN	20	31	28	34	38	29	20	22	21	20	2	19	21	20	19	17	17	28	23	22	23	13	22	33	15	17	22	22	34	35	23	22.9

See Reference Notes Following Station Index

DAILY TEMPERATURES

Station		Day Of Month																													Average
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
SHILOH	MAX	37	40	39	45	57	49	28	33	34	28	23	33	32	28	27	28	42	39	44	39	31	29	53	46	34	35	38	52	48	55	43	38.4
	MIN	17	25	26	36	39	26	18	21	24	16	12	15	19	10	21	12	16	25	20	23	13	9	22	33	15	12	14	26	37	37	24	21.4
SOMERVILLE	MAX	35	39	35	44	53	45	29	30	30	27	21	32	29	26	26	27	37	36	46	40	27	26	45	44	30	34	39	52	42	52	39	36.0
	MIN	15	30	22	33	39	21	17	18	20	7	-1	9	9	3	14	9	14	22	13	13	7	3	20	30	11	11	7	18	35	37	20	17.0
SUSSEX 3 N	MAX	24	31	36	32	37	48	28	19	28	29	20	18	23	28	24	24	26	33	34	42	24	23	25	40	35	18	32	36	47	37	48	30.6
	MIN	12	19	20	23	32	26	15	14	15	5	-4	-3	7	3	3	12	15	20	20	20	4	2	2	23	5	-2	9	10	18	27	14	12.5
TRENTON 2	MAX	35	41	38	44	55	37	30	32	32	24	22	31	31	27	27	28	41	38	46	41	29	28	51	43	25	34	37	51	41			35.8
	MIN	18	25	25	35	33	18	16	19	16	11	8	13	17	11	14	15	19	23	22	14	12	8	25	22	12	10	15	25	34	31	20	18.9
TRENTON W8 CITY	MAX	35	40	39	45	57	34	28	30	30	23	22	30	30	27	28	27	41	39	47	41	27	29	52	43	24	34	38	50	42	54	37	36.2
	MIN	21	31	29	38	34	20	18	22	18	14	11	16	20	16	18	18	23	28	25	16	15	12	29	20	15	15	18	30	37	32	23	22.0
TUCKERTON	MAX																																
	MIN																																
WOODSTOWN	MAX	37	42	40	46	58	53	29	31	34	29	24	33	32	28	29	28	45	39	47	41	30	29	56	49	36	35	40	51	48	56	42	39.3
	MIN	17	21	22	38	39	25	18	22	22	17	11	15	15	9	21	12	15	22	17	23	12	5	22	32	18	11	10	25	37	36	25	20.5

DAILY SOIL TEMPERATURES

Station And Depth		Day of month																													Average
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
NEW BRUNSWICK EXP STATION																															
MEASURED UNDER SOD																															
1 INCH	MAX	33	38	36	40	45	39	32	31	33	33	33	33	33	32	33	33	33	33	33	33	31	32	33	33	32	33	32	35	34	34	34	34.0
	MIN	31	32	32	36	38	32	30	30	32	32	32	32	30	32	31	31	30	32	32	32	29	28	30	31	27	27	27	30	31	31	31	31.1
2 INCHES	MAX	33	37	36	39	42	40	37	36	34	34	33	33	33	33	33	33	33	33	33	32	32	32	32	32	32	31	32	33	32	32	34	34.0
	MIN	32	33	33	36	38	37	34	34	33	33	33	32	32	32	32	31	31	32	32	32	31	31	30	32	30	30	30	31	32	31	31	32.4
4 INCHES	MAX	34	37	36	39	42	41	39	36	34	34	33	33	33	33	33	33	33	33	33	32	33	32	32	32	32	32	32	33	32	32	34	34.2
	MIN	32	33	33	36	39	38	36	36	33	33	33	33	32	32	32	31	31	32	32	32	32	31	31	32	31	30	30	31	32	31	31	32.6
8 INCHES	MAX	38	37	37	40	44	42	40	39	36	36	36	36	35	36	35	35	35	35	35	34	34	34	33	34	34	34	34	34	34	33	36	36.0
	MIN	36	36	36	37	40	38	39	38	36	35	35	35	35	34	34	34	33	34	33	34	33	33	33	33	33	32	32	32	33	32	33	34.6
16 INCHES	MAX	43	41	40	41	44	43	45	44	41	39	39	39	38	38	38	38	38	38	38	37	37	37	36	36	36	37	36	37	36	35	37	38.8
	MIN	41	40	39	39	40	42	44	43	38	38	38	38	37	37	37	36	36	36	36	36	36	35	35	35	35	35	35	35	35	35	35	37.4
32 INCHES	MAX	47	46	45	44	46	46	46	45	44	43	43	43	42	42	42	41	41	41	41	40	40	40	39	40	39	40	39	39	39	38	40	42.0
	MIN	46	44	43	43	43	45	45	44	43	42	42	41	41	41	41	40	39	39	39	39	39	39	38	38	38	38	38	38	38	38	37	40.6

Measured under Kentucky Bluegrass. Instrumentation: Copper-constantan Thermocouples connected to a Brown Electronik Potentiometer.

See Reference Notes Following Station Index

SNOWFALL AND SNOW ON GROUND

Station		Day of month																												
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
ATLANTIC CITY WB AIRPORT	SNOWFALL											2.8	1.0		1.3	4	4	4	1	T	T	T	T	T								
	SN ON GND												4	3	3	4	4	4	1	T	T	T	T	T								
	WTR EQUIV												.3	.2	.1	.2	.2	.2														
ATLANTIC CITY	SNOWFALL											2.6	1.4		1.0	4	4	4	1	T	T	T	T	T	T							
	SN ON GND												4	3	3	4	4	4	1	T	T	T	T	T	T							
BASS RIVER ST FOREST	SNOWFALL												3.0		.5	.5															
	SN ON GND												-	-	-	-	-	-	-												
BELVIDERE	SNOWFALL		.3							3.0																					
	SN ON GND		-							-	-	-	-	-	-	-	-														
CHARLOTTEBURG	SNOWFALL				1.5					2.5						.5	T														
	SN ON GND				1					2	2	2	2	1	1	1	1	1	1	1												
CLAYTON	SNOWFALL			T											.5											T					
	SN ON GND														1	T															
FLEMINGTON 1 NE	SNOWFALL			T			T			3.5					1.0	T															
	SN ON GND			T						4	4	4	3	3	3	3	3	2	1	T	T	T										
FREEHOLD	SNOWFALL									1.8			.2		.9	.1															
	SN ON GND									2	1	1	1	1	2	2	2	1	1	T												
HIGHTSTOWN 1 N	SNOWFALL			T			T			1.0					1.3																
	SN ON GND									T	T	T	T	T	1	1	1	T													
INDIAN MILLS 2 W	SNOWFALL			T						T			T		1.0																
	SN ON GND														1	T	T														
LAMBERTVILLE	SNOWFALL									2.5					T																
	SN ON GND									3	2	2	1	T	T																
LAYTON 3 NW	SNOWFALL			.3	1.7				T	2.6						.2															
	SN ON GND	T			2					2	2	2	2	2	2	2	2	2	2	T												
LITTLE FALLS 1 E	SNOWFALL									2.5						.5															
	SN ON GND									3	2	2	2	2	2	2	2	2	1	1	T	T	T									
LONG BRANCH	SNOWFALL								1.0	2.0		.2	.8																		
	SN ON GND									2	2	2	3	3	3	3	3	1													
LONG VALLEY	SNOWFALL			1.0						3.0					1.0																
	SN ON GND			-	-					-	-	-	-	-	-	-	-														
MAYS LANDING	SNOWFALL			T								T	3.0																		
	SN ON GND												-	-	-	-	-	-	-												
MILLVILLE	SNOWFALL			T								1.0			1.0							T			T						
	SN ON GND											-	-	-	-	-	-														
MOORESTOWN	SNOWFALL				T					.3						.8															
	SN ON GND									T						1	T	T													
MORRIS PLAINS	SNOWFALL		T		.3					3.0	T					.5										T					
	SN ON GND				-					-	-	-	-			-															
NEWARK WB AIRPORT	SNOWFALL			T			T	T	1.1	3.4		T			.5	.3															
	SN ON GND									4	2	2	1	1	T	1	1	T	T												
	WTR EQUIV									.3	.3	.2																			
NEW BRUNSWICK EXP STA	SNOWFALL			T						2.5					.5																
	SN ON GND									2	2	1			1	T	T	T	T												
NEWTON	SNOWFALL				1.4					2.5						.5															
	SN ON GND				1					3	2	2	2	1	1	1	T	T	T	T	T	T	T									
PATERSON	SNOWFALL				.2					3.5						1.5															
	SN ON GND									4	-	-	-	-	-	2	-	-													
PEMBERTON 3 E	SNOWFALL									.3			T		.7																
	SN ON GND									T			T		1	1	T														
PHILLIPSBURG	SNOWFALL				T					T		2.0																			
	SN ON GND											2	1	1	1	T	T	T													
PLAINFIELD	SNOWFALL			T					*	3.0					.5																
	SN ON GND									3	2	2	2	1	1																
RAHWAY	SNOWFALL			T						2.7					.5	T															
	SN ON GND									3	2	2	1	1	2	2	1														
RIDGEFIELD	SNOWFALL			T					.5	5.0					2.0																
	SN ON GND								1	5	3	2	2	1	2	1	1	T	T	T	T										
SOMERVILLE	SNOWFALL			T						3.0					.5																
	SN ON GND									3	2	2	1	1	2																
TRENTON WB CITY	SNOWFALL			T			T		.7	.3					.6																
	SN ON GND									1	T	T	T	T	T	1	T	T													
WANAQUE RAYMOND DAM	SNOWFALL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	SN ON GND	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

See reference notes following Station Index.

CLIMATOLOGICAL DATA

NEW JERSEY
DELAYED DATA

Station	Temperature												Precipitation									
	Average Maximum	Average Minimum	Average	Departure From Long Term Means	Highest	Date	Lowest	Date	Degree Days	No. of Days: Max 90° or Above	Max 32° or Below	Min 32° or Below	Min 0° or Below	Total	Departure From Long Term Means	Greatest Day	Date	Snow, Sleet: Total	Max. Depth on Ground	Date	No. of Days: .10 or More	.50 or More	1.00 or More
JUNE 1958																							
SHILOH			M							0	0	0	0					.0	0				
AUGUST 1958																							
TUCKERTON	82.3	62.5	72.4		90	16+	49	19	0	2	0	0	0	10.40		5.00	25	.0	0		9	6	3
OCTOBER 1958																							
TUCKERTON	66.1	43.8	55.0		80	17+	30	27+	317	0	0	5	0	5.80		1.70	25	.0	0		6	4	3

DAILY PRECIPITATION

Station	Day of month																													Total
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
JUNE 1958																																
SHILOH	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		.12	T	.86	.08				1.16					-
AUGUST 1958																																
TUCKERTON	1.50												.60		1.40	.60								.40	5.00	.60		.10	.20			10.40
OCTOBER 1958																																
TUCKERTON	1.30			.30																		.60	.40		1.70			1.50				5.80

DAILY TEMPERATURES

Station		Day of month																														Average
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
JUNE 1958																																
SHILOH	MAX																			74	73	69	75	74	78	83	90	80	82	86	87		-
	MIN																			53	58	56	54	53	55	58	68	60	58	59	63		-
AUGUST 1958																																
TUCKERTON	MAX	87	82	80	85	82	83	86	88	85	89	87	81	83	82	90	90	79	79	80	80	85	85	80	80	80	70	75	70	86	82	80	82.3
	MIN	58	58	58	64	62	57	80	72	59	62	69	63	67	71	70	64	55	57	49	50	66	65	55	66	67	64	58	59	64	59	68	62.5
OCTOBER 1958																																
TUCKERTON	MAX	64	58	60	65	72	67	65	73	74	80	72	61	55	75	78	80	80	72	63	62	58	61	75	75	65	54	54	50	55	60	66	66.1
	MIN	47	40	50	50	50	32	30	39	50	57	43	32	32	47	50	57	57	46	34	38	48	50	49	55	49	42	30	39	40	38	36	43.8

CORRECTIONS

MONTH: JULY 1958

Climatological Data Table:
Atlantic City WB AP

Correct as follows: temperature departure from long-term average, +2.6; precipitation departure from long term average, +7.22.

MONTH: NOVEMBER 1958

Climatological Data Table:
Pbillipsburg

Total precipitation should be *.

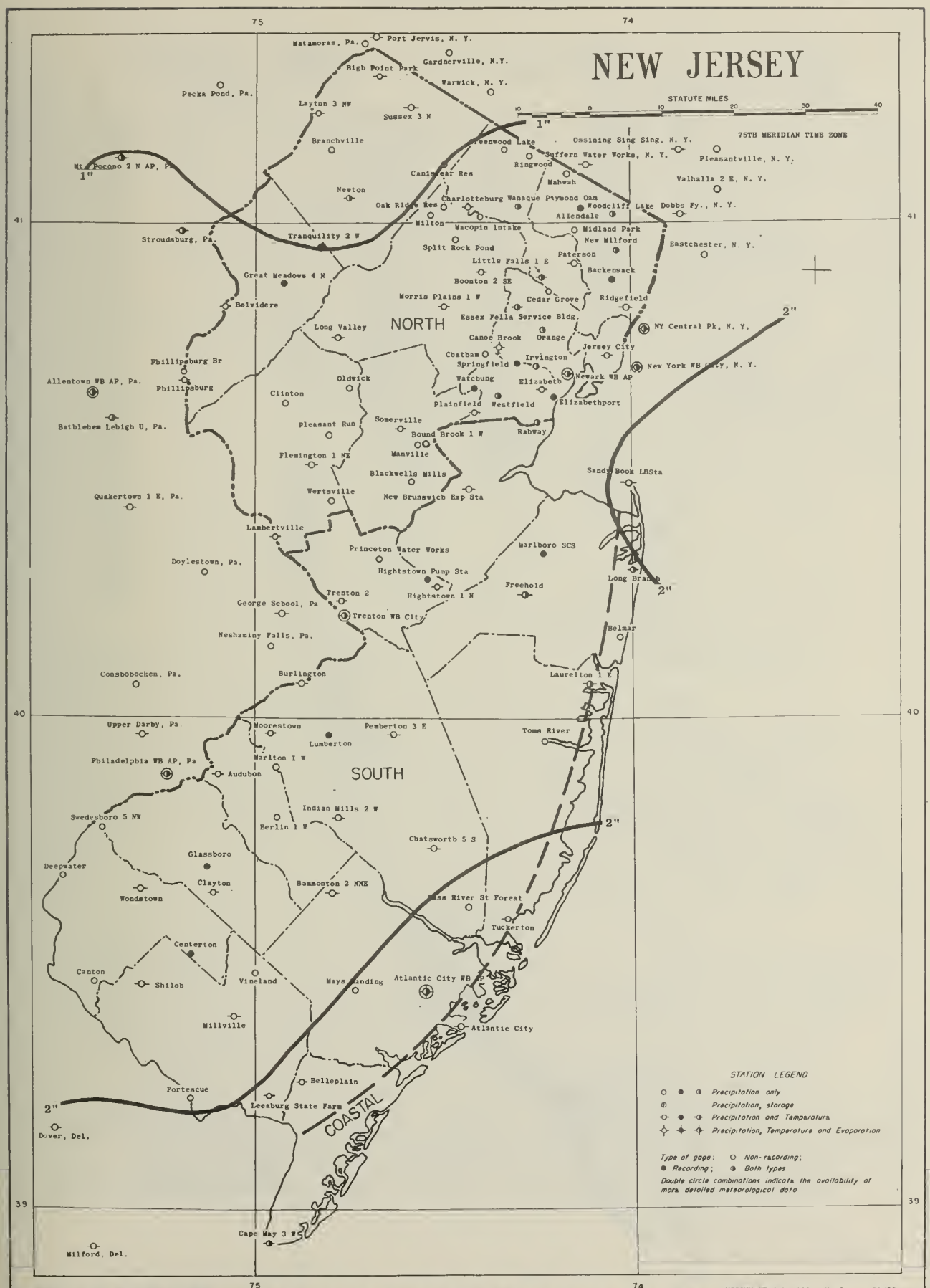
Daily Precipitation Table:
Phillipsburg

Total precipitation sbould be *.

See Reference Notes Following Station Index

TOTAL PRECIPITATION

NEW JERSEY
DECEMBER 1958

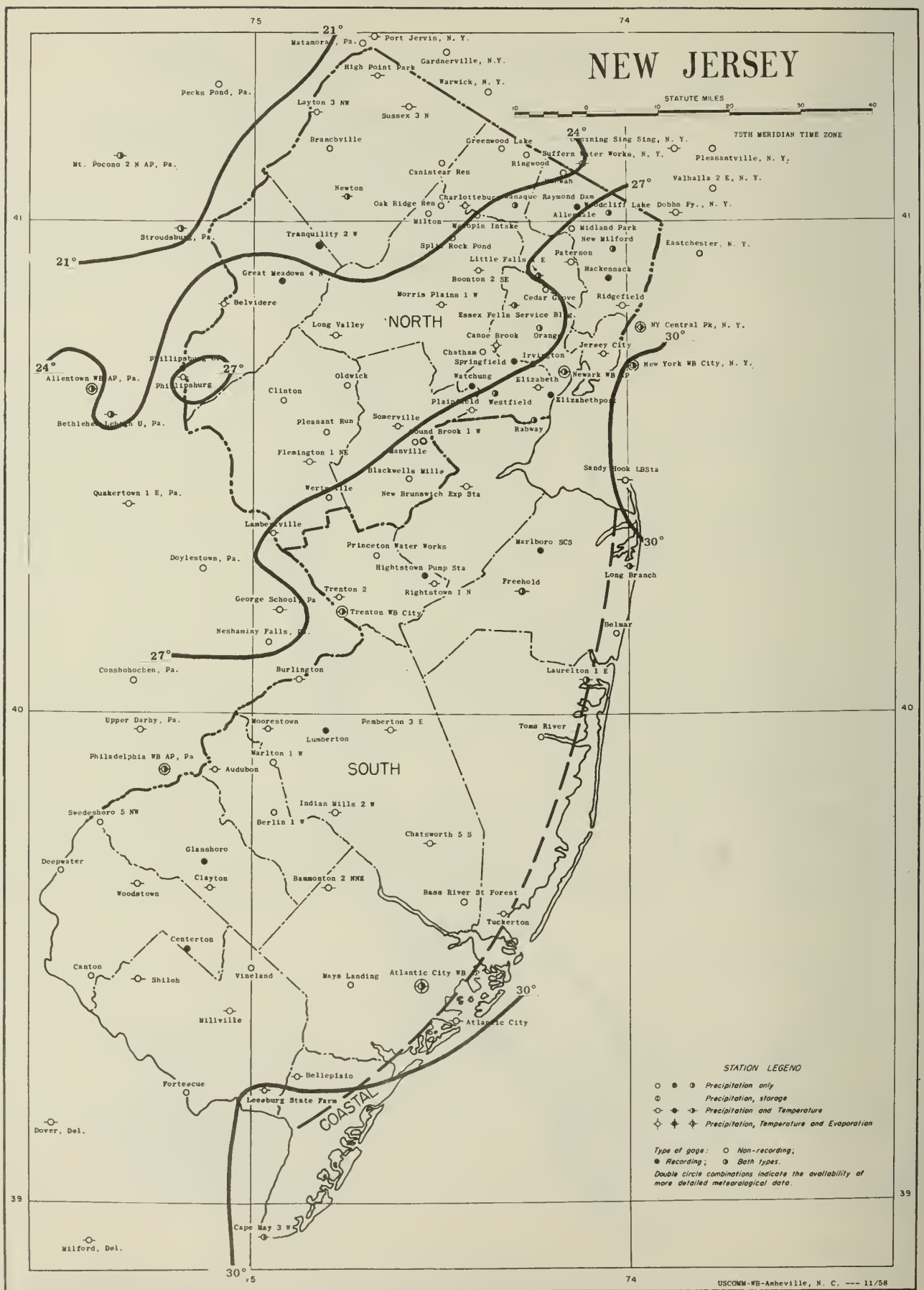


USCOMM-WB-Asheville, N. C. --- 11 58

Isolines are drawn through points of approximately equal values. Hourly precipitation data from recorder substations will be available in the publication "Hourly Precipitation Data".

AVERAGE TEMPERATURE

NEW JERSEY
DECEMBER 1958



Isolines are drawn through points of approximately equal values. Hourly precipitation data from recorder substations will be available in the publication "Hourly Precipitation Data".

STATION INDEX

STATION	INDEX NO.	COUNTY	DRAINAGE ‡	LATITUDE	LONGITUDE	ELEVATION	OBSERVATION TIME AND TABLES				OBSERVER
							TEMP.	PRECIP.	EVAP.	SPECIAL (SEE NOTES)	
ALLENDALE	0100	BERGEN	8	41 02	74 08	270				C	BERGEN COUNTY ENGS
ATLANTIC CITY WB AP	0311	ATLANTIC	1	39 27	74 35	58	M10	M10	M10	C HJ	U.S. WEATHER BUREAU
# ATLANTIC CITY	0325	ATLANTIC	1	39 23	74 26	10	M10	M10		H	STATE MARINA
AUDUBON	0346	CAMDEN	2	39 54	75 04	50	11P	11P			IRVIN J. NYGREN
BASS RIVER ST FOREST	0528	BURLINGTON	1	39 37	74 26	20		6P		H	N.Y. FORESTRY SVC
BELLEPLAIN	0690	CAPE MAY	1	39 16	74 52	49	5P	5P			MRS. ED C. HOFFMAN
BELMAR	0721	MONMOUTH	1	40 10	74 02	19		INACTIVE 1/58			
BELVIDERE	0729	WARREN	2	40 50	75 05	289	5P	5P		H	MISS C. S. HIXSON
BERLIN 1 W	0787	CAMDEN	7	39 48	74 57	150		7A			SAMUEL H. MC CULLEY
BLACKWELLS MILLS	0847	SOMERSET	10	40 29	74 35	27		7A			HENRY H. MILLER
BOONTON 2 SE	0907	MORRIS	8	40 54	74 24	280	8A	8A			JERSEY CITY WTR WKS
BOUND BROOK 1 W	0927	SOMERSET	10	40 33	74 33	20		8A			AMERICAN CYANAMID CO
BRANCHVILLE	0978	SUSSEX	2	41 09	74 45	570		7A			ALBERT H. OAVENPORT
BURLINGTON	1211	BURLINGTON	2	40 04	74 53	12	6P	6P			PUBLIC SVC E + G CO
CANISTEAR RESERVOIR	1327	SUSSEX	8	41 07	74 30	1040		8A			NEWARK WATER DEPT
CANOE BROOK	1335	ESSEX	8	40 45	74 21	180	9A	9A	9A		COMMONWEALTH WTR CO
CANTON	1343	SALEM	2	39 28	75 25	20		9A			GERTRUDE S. WILLIS
CAPE MAY 3 W	1351	CAPE MAY	1	38 56	74 57	17	5P	5P		C	N.WEST MAGNESITE CO
CEDAR GROVE	1472	ESSEX	8	40 52	74 13	400		8A			J. A. PLUNKETT
CENTERTON	1512	SALEM	6	39 31	75 10	80				C	JOHN HOPKINS UNI.
CHARLOTTEBURG	1582	PASSAIC	8	41 03	74 26	760	7A	7A		H	NEWARK WATER DEPT
CHATHAM	1590	MORRIS	8	40 44	74 23	185		8A			EDWARD P. MOLITOR
CHATSWORTH 5 S	1598	BURLINGTON	1	39 44	74 32	90	5P	5P			INACTIVE 5/58
CLAYTON	1708	GLOUCESTER	6	39 39	75 06	120	6P	6P		H	HARRY P. CAMPBELL
CLINTON	1749	HUNTERDON	10	40 38	74 55	300		6P			L. W. KLOCKNER
DEEPWATER	2209	SALEM	2	39 41	75 30	12		M1D			DU PONT DE NEMOURS
ELIZABETH	2644	UNION	1	40 40	74 14	33	5P	5P			UNION CO PARK COMM
ELIZABETHPORT	2652	UNION	8	40 39	74 12	30		M1D		C	SEWAGE TREATMENT PL
ESSEX FELLS SERV BLDG	2768	ESSEX	8	40 50	74 18	250	8A	8A		C	BOROUGH ESSEX FELLS
FLEMINGTON 1 NE	3029	HUNTERDON	10	40 31	74 51	134	5P	5P		H	DONALD YOUNG
FORTESCUE	3102	CUMBERLAND	2	39 14	75 10	5		7A			JOHN LOPER
FREEHOLD	3181	MONMOUTH	10	40 15	74 17	194	6P	6P		C H	FRANK J. MOREAU
GLASSBORO	3291	GLOUCESTER	2	39 42	75 07	150				C	PROF. J. O. SANGREE
GREAT MEADOWS 4 N	3416	WARREN	2	40 56	74 55	540				C	GAMMA CHEMICAL CORP.
GREENWOOD LAKE	3516	PASSAIC	8	41 09	74 20	660		7A			GEORGE T. WIGGINS
HACKENSACK	3572	BERGEN	4	40 53	74 03	10				C	BERGEN COUNTY ENGS
HAMMONTON 2 NNE	3662	ATLANTIC	7	39 39	74 48	85	8A	8A			W. HUBBARD PARKHURST
HIGH POINT PARK	3935	SUSSEX	2	41 18	74 40	1570	8A	8A			N. J. DEPT. OF CONS.
HIGHTSTOWN 1 N	3951	MERCER	10	40 16	74 31	100	8P	8P		H	JAMES R. PICKERING
HIGHTSTOWN PUMPING STA	3956	MERCER	10	40 17	74 32	75				C	DEPT WATER + SEWAGE
INDIAN MILLS 2 W	4229	BURLINGTON	7	39 48	74 47	100	7P	7P		H	EDWARD ENTWISTLE
IRVINGTON	4260	ESSEX	1	40 43	74 15	120		M1D		C	JOINT MEETING GARAGE
JERSEY CITY	4339	HUDSON	1	40 44	74 04	135	M1D	M1D			JERSEY CITY WTR DEPT
LAMBERTVILLE	4635	HUNTERDON	2	40 22	74 57	75	6P	6P		H	E. E. CASE
LAURELTON 1 E	4700	OCEAN	1	40 04	74 07	20	M1D	M1D		C H	GEORGE G. WADDILL
LAYTON 3 NW	4735	SUSSEX	2	41 15	74 51	480	6P	6P		H	A. H. DEPUE
LEESBURG STATE FARM	4762	CUMBERLAND	6	39 14	74 58	10	4P	4P			LEESBURG STATE FARM
LITTLE FALLS 1 E	4887	PASSAIC	8	40 53	74 14	157	9A	9A		C H	PASSAIC VLY WTR COMM
LONG BRANCH	4987	MONMOUTH	1	40 18	73 59	34	M1D	M1D		C HJ	WILLIAM D. MARTIN, JR.
LONG VALLEY	5003	MORRIS	10	40 48	74 46	660	6P	6P		H	ARTHUR BARKMAN
LUMBERTON	5055	BURLINGTON	2	39 58	74 48	25				C	JAMES LAWTON
MACOPIN INTAKE	5071	PASSAIC	8	41 01	74 24	584		9A			NEWARK WATER DEPT
MAHWAH	5104	BERGEN	8	41 06	74 10	253		7A			ROBERT G. GLASGOW
MANVILLE	5197	SOMERSET	10	40 33	74 34	50		M1D			JOHN L. RADCLIFFE
MARLBORO SCS	5244	MONMOUTH	1	40 20	74 14	120				C	GEROW BRILL
MARLTON 1 W	5252	BURLINGTON	2	39 54	74 57	90		6P			DAVID GRISCOM
MAYS LANDING	5346	ATLANTIC	3	39 27	74 44	50		5P		H	ELMER EARLE
MIDLAND PARK	5503	BERGEN	1	40 59	74 09	210		M10			RIDGEWOOD WATER CO.
MILLVILLE	5576	CUMBERLAND	6	39 24	75 03	60	8A	8A		C H	L. J. GALLAHER
MILTON	5597	MORRIS	8	41 01	74 32	950		7A			JERSEY CITY WTR WKS
MOORESTOWN	5728	BURLINGTON	2	39 58	74 58	55	M1D	8A		H	H. J. WILLARD
MORRIS PLAINS	5769	MORRIS	8	40 50	74 30	500	8A	8A		H	JAMES C. LONG
NEWARK WB AIRPORT	6026	ESSEX	1	40 42	74 10	11	M1D	M1D		C HJ	U. S. WEATHER BUREAU
NEW BRUNSWICK EXP STA	6062	MIDDLESEX	10	40 28	74 26	80	5P	5P		GH	ARTHUR H. AHLQUIST
NEW MILFORD	6146	BERGEN	4	40 57	74 02	12		M1D		C	HACKENSACK WATER CO
NEWTON	6177	SUSSEX	2	41 03	74 45	565	8A	8A		C H	NEWTON WTR SWR COMM
OAK RIDGE RESERVOIR	6460	PASSAIC	8	41 02	74 30	870		8A			NEWARK WATER DEPT
OLDWICK	6544	HUNTERDON	10	40 40	74 45	260		8A			DAN A. COUGHLIN
ORANGE	6560	ESSEX	8	40 47	74 14	140		M1D		C	COUNTY ENGINEER
PATERSON	6775	PASSAIC	8	40 55	74 09	100	8A	8A		H	P. J. DEL VECCHIO
REMBERTON 3 E	6843	BURLINGTON	2	39 58	74 38	60	5P	5P		H	CHARLES A. ODEHLERT
PHILLIPSBURG	6974	WARREN	2	40 41	75 12	182	3P	3P		H	SEWAGE DISPOSAL PLT
PHILLIPSBURG BRIDGE	6979	WARREN	2	40 42	75 12	196		9A			JOINT TOLL BRDGE COM
PLAINFIELD	7079	UNION	10	40 36	74 25	120	8P	8P		H	MRS VIVIAN SCHERER
PLEASANT RUN	7123	HUNTERDON	10	40 34	74 48	140		7A			JOHN H. BERRYMAN
PRINCETON WATER WORKS	7328	MERCER	10	40 19	74 40	90		M1D			PRINCETON WATER CO
RAHWAY	7393	UNION	9	40 36	74 15	20		M1D		C H	RAHWAY VLY SWG AUTH
RIDGEFIELD	7545	BERGEN	4	40 50	74 01	80	M1D	M1D		H	GEORGE P. KIRSTEN
RINGWOOD	7587	PASSAIC	8	41 08	74 16	305		10A			NO JERSEY WTR SUPPLY
SANDY HOOK LBSTA	7869	MONMOUTH	1	40 28	74 01	22	7P	7P			U. S. COAST GUARD
SHILOH	8051	CUMBERLAND	2	39 28	75 18	120	5P	5P			EVERETT DICKINSON
SOMERVILLE	8194	SOMERSET	10	40 34	74 37	75	6P	6P		H	W. E. HAVER
SPLIT ROCK POND	8402	MORRIS	8	40 58	74 28	800		10A			JERSEY CITY O P W
SPRINGFIELD	8423	UNION	1	40 43	74 18	-				C	N.J. DEPT OF CONS
SUSSEX 3 N	8644	SUSSEX	5	41 14	74 35	530	7A	7A			BRICE B. STANTON
SWEDESBORO 5 NW	8685	GLOUCESTER	2	39 47	75 24	10		12N			SUN OIL CO
TOMS RIVER	8816	OCEAN	1	39 57	74 14	10		5P			ROBERT F. SNYDER
TRANQUILITY 2 W	8858	WARREN	2	40 57	74 50	551				C	H. J. ERVEY
TRENTON 2	8878	MERCER	2	40 14	74 46	105	M1D	M1D			E. H. RISTOW
# TRENTON WB CITY	8883	MERCER	2	40 13	74 46	56	M1D	M1D		C HJ	U.S. WEATHER BUREAU
TUCKERTON	8899	OCEAN	1	39 36	74 20	10	6P	6P			REV EDWARD D. MEGILL
VINELAND	9135	CUMBERLAND	6	39 29	75 00	110		8A			STATE HOME FOR WOMEN
WANAQUE RAYMOND DAM	9187	PASSAIC	8	41 03	74 18	320		8A		C H	WATER SUPPLY COMM
WATCHUNG	9271	UNION	8	40 40	74 25	-				C	BONNIE BURN SAN.
WERTSVILLE	9363	HUNTERDON	10	40 27	74 48	160		7A			ROBERT H. MANNERS
# WESTFIELD	9455	UNION	9	40 39	74 21	138		5P		C	CITY ENGINEER
WOODCLIFF LAKE	9832	BERGEN	4	41 01	74 03	103		M1D		C	HACKENSACK WATER CO
WOODSTOWN	9910	SALEM	2	39 39	75 19	50	5P	5P			CREAM VALLEY DAIRY

‡ 1-COASTAL; 2-DELAWARE; 3-GREAT EGG HARBOR; 4-HACKENSACK; 5-HUDSON; 6-MAURICE; 7-MULLICA; 8-PASSAIC; 9-RAHWAY; 10-RARITAN; 11-SOCKAWAT

REFERENCE NOTES

Additional information regarding the climate of New Jersey may be obtained by writing to the State Climatologist at Weather Bureau Office, c/o General Delivery, Trenton, New Jersey or to any Weather Bureau Office near you.

Figures and letters following the station name, such as 12 SSW, indicate distance in miles and direction from the post office.

Delayed data and corrections will be carried only in the June and December issues of this bulletin.

Monthly and seasonal snowfall and heating degrees for the preceding 12 months will be carried in the June issue of this bulletin.

Stations appearing in the Index, but for which data are not listed in the tables, either are missing or were received too late to be included in this issue.

Divisions, as used in "Climatological Data: Table and on the maps, became effective with data for September 1958.

Unless otherwise indicated, dimensional units used in this bulletin are: Temperature in °F, precipitation and evaporation in inches and wind movement in miles. Monthly degree day totals are the sums of the negative departures of average daily temperatures from 65° F.

Evaporation is measured in the standard Weather Bureau type pan of 4 foot diameter unless otherwise shown by footnote following the "Evaporation and Wind" Table. Max and Min in "Evaporation and Wind" Table refer to extremes of temperature of water in pan as recorded during 24 hours ending at time of observation.

Long-term means for full-time stations (those shown in the Station Index as "U. S. Weather Bureau") are based on the period 1921-1950, adjusted to represent observations taken at the present location. Long-term means for all stations except full-time Weather Bureau stations are based on the period 1931-1955.

Water equivalent values published in the "Snowfall and Snow on Ground" Table are the water equivalent of snow, sleet, or ice on the ground. Samples for obtaining measurements are taken from different points for successive observations; consequently occasional drifting and other causes of local variability in the snowpack may result in apparent inconsistencies in the record.

Entries of snowfall in the "Climatological Data" Table and the "Snowfall and Snow on Ground" Table, and in the "Seasonal Snowfall" Table include snow and sleet. Entries of snow on ground include snow, sleet and ice.

Data in the "Daily Precipitation" Table; "Daily Temperature" Table; and "Evaporation and Wind" Table, and snowfall in the "Snowfall and Snow on Ground" Table, when published, are for the 24 hours ending at time of observation. The Station Index shows observation times in local standard time. During the summer months some observers take the observations on daylight saving time.

Snow on ground in the "Snowfall and Snow on Ground" Table is at observation time for all except Weather Bureau and CAA stations. For these stations snow on ground values are at 7:00 a.m., E.S.T.

No record in the "Climatological Data" Table and the "Daily Temperature" Table is indicated by no entry.

Interpolated values for monthly precipitation totals may be found in the annual issue of this publication.

- No record in the "Daily Precipitation" Table; "Evaporation and Wind" Table; "Snowfall and Snow on Ground" Table; and the Station Index.
+ And also on an earlier date or dates.
↔ Fastest observed one minute wind speed. This stations is not equipped with automatic wind instruments.
* Amount included in following measurement, time distribution unknown.
Thermometers are generally exposed in a shelter located a few feet above sod-covered ground; however, the reference indicates that the thermometers are exposed in a shelter located on the roof of a building.
// Gage is equipped with a windshield.
AE This entry in time of observation column in Station Index means after rain.
AM Data based on observational day ending before noon.
B Adjusted to a full month.
D Water equivalent of snowfall wholly or partly estimated, using a ratio of 1 inch water equivalent to every 10 inches of new snowfall.
M One or more days of record missing; if average value is entered, less than 10 days record is missing. See "Daily Temperature" Table for detailed daily record. Degree day data, if carried for this station, have been adjusted to represent the value for a full month.
E Amounts from recording gage. (These amounts are essentially accurate but may vary slightly from the amounts to be published later in Hourly Precipitation Data.)
SS This entry in time of observation column in Station Index means observation made near sunset.
T Trace, an amount too small to measure.
V Includes total for previous month.
X Observation time is 1:00 a.m., E.S.T. of the following day.
VAR This entry in time of observation column in Station Index means variable.

In the Station Index the letters C, O, H, and J in the "Special" column under the heading "Observation Time and Tables", indicate the following:

C Weighing Rain Gage Recording Station. Hourly precipitation values are processed for special purposes, and are published later in "Hourly Precipitation Data" Bulletin.
O "Soil Temperature" Table.
H "Snowfall and Snow on Ground" Table. Omission of data in any month indicates no snowfall and/or snow on ground in that month.
J "Supplemental Data" Table.

Information concerning the history of changes in locations, elevations, exposure etc. of substations through 1958 may be found in the publication "Substation History" for this state. That publication may be obtained from the Superintendent of Documents, Government Printing Office, Washington 25, O. C. for 15 cents. Similar information for regular Weather Bureau stations may be found in the latest annual issue of Local Climatological Data for the respective stations, obtained as indicated above, price 15 cents.

General weather conditions in the U. S. for each month are described in the publications MONTHLY WEATHER REVIEW and the monthly CLIMATOLOGICAL DATA, NATIONAL SUMMARY, either of which may be obtained from the Superintendent of Documents, Government Printing Office, Washington 25, O. C.

Subscription Price: 20 cents per copy, monthly and annual; $2.50 per year. (Yearly subscription includes the Annual Summary). Checks, and money orders should be made payable to the Superintendent of Documents. Remittance and correspondence regarding subscriptions should be sent to the Superintendent of Documents, Government Printing Office, Washington 25, O. C.

USCOMM-WB-Asheville, N. C. --- 2/10/59 --- 750

551.05
UNNJ
op.1

U. S. DEPARTMENT OF COMMERCE
LEWIS L. STRAUSS, Secretary
WEATHER BUREAU
F. W. REICHELDERFER, Chief

CLIMATOLOGICAL DATA

NEW JERSEY

ANNUAL SUMMARY 1958
Volume LXIII No. 13

THE LIBRARY OF THE
MAR
UNIVERSITY OF ILLINOIS

ASHEVILLE: 1959

AVERAGE TEMPERATURES AND DEPARTURES FROM LONG-TERM MEANS

STATION	January		February		March		April		May		June		July		August		September		October		November		December		Annual	
	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure
ATLANTIC CITY W8 AP											M		76.9	2.6	72.8	- .1	66.0	- 1.4	55.5	- 1.1	47.8	1.3	28.3	- 8.4		
ATLANTIC CITY	33.8	- 2.0	29.8	- 5.6	40.3	- 1.2	51.2	1.8	57.8	- 1.3	65.8	- 2.9	74.6	1.0	73.3	.2	66.5	- 1.8	56.4	- 1.6	49.0	.9	29.6	- 8.6	52.3	- 1.8
AUDUBON	32.1		28.4		39.3		53.9		61.0		68.2		77.7		73.8		67.1		56.2		47.3		29.9		52.9	
BELLEPLAIN	31.8		28.8		39.5		52.7		61.2		66.9		78.0		73.3M		67.1		56.6		49.1		29.5		52.9	
BELVIDERE	29.2	- .9	25.4	- 5.8	38.5	- 1.2	52.5	1.6	59.2	- 3.1	66.2	- 4.6	75.9	.4	73.3	.6	65.3M	- .7	55.0M	.1	42.6	- .1	25.8	- 6.2	50.8	- 1.6
BOONTON 2 SE	28.3	- .8	24.6	- 4.7	38.1	.4	51.1	2.4	55.7	- 3.6	63.5	- 4.4	73.2	.2	70.7	- .1	62.5	- 1.0	49.8	- 3.7	44.0	1.8	24.7	- 6.9	48.9	- 1.7
BURLINGTON	32.1	- 2.5	29.4	- 5.4	M		M		61.0	- 3.3	68.6	- 4.2	78.5	1.2	74.9	- .6	67.5	- 1.3	56.4	- 1.6	48.3	1.9	30.4	- 5.6		- 55.4
CANOE BROOK	28.0	- 1.1	25.0	- 4.3	38.0	.1	50.8	2.5	55.8	- 3.1	64.4	- 3.5	73.0	- .1	71.3	.2	64.1	.0	51.1	- 2.8	44.6	1.9	24.6	- 6.7	49.2	- 1.4
CAPE MAY 3 W	34.7M		30.9M		M		52.5M		59.9		67.1M		75.8M		73.6M		68.0M		58.5		51.5M		31.8M			
CHARLOTTEBURG	26.5	- 2.5	21.9	- 7.3	36.1	- 1.2	48.2	.2	53.2	- 5.7	60.3	- 6.5	70.5	- .7	68.0	- 1.4	61.0	- 1.6	48.4	- 4.3	42.8	.8	22.6	- 8.5	46.6	- 3.3
CHATSWORTH 5 S	31.2		27.7		39.4		53.0																			
CLAYTON	31.5		28.0		39.4		53.5		60.9		67.9		77.4		73.6		66.5		56.5		46.3		29.3		52.6	
ELIZABETH	31.4	- 1.7	27.6	- 5.6	40.2	- 1.2	53.3	1.6	59.1	- 3.2	66.7	- 4.3	75.5	- .5	72.9	- 1.3	66.7M	- .5	55.0	- 1.8	47.4	2.0	29.6	- 5.2	52.1	- 1.8
ESSEX FELLS SERV BLDG	28.4		24.8M		37.1		51.6		57.1		65.0		73.8		70.5		62.4		50.4		44.0		23.5		49.1	
FLEMINGTON 1 NE	29.1	- 2.8	26.1	- 6.2	38.4	- 2.4	51.2	.1	57.6	- 4.5	65.7	- 5.1	75.9	.2	72.4	- 1.2	64.6	- 2.2	53.3	- 2.8	43.4	- 1.0	26.0	- 7.5	50.3	- 3.0
FREEHOLD	30.6	- 2.4	26.7	- 6.1	38.6	- 1.8	52.3	1.8	58.9	- 2.8	65.9	- 4.4	75.7	.6	72.9	- .2	65.6	- .8	54.2	- 1.9	46.9	1.7	28.7	- 6.0	51.4	- 1.9
HAMMONTON 2 NNE	31.1M	- 3.6	26.9	- 7.5	40.1	- 2.3	53.5	1.5	60.8	- 2.0	68.5	- 3.0	77.5	1.3	73.5M	- .7	66.5M	- 1.1	55.6	.3	48.2	5.1	29.1	- 7.0	52.6	- 1.6
HIGH POINT PARK	22.8		19.7M		33.2M		46.4M		53.4		59.9		69.5		67.9M		60.2		47.9		41.2		20.6M		45.2	
HIGHTSTOWN 1 N	30.5	- 2.2	27.1	- 5.6	38.8	- 1.9	52.4	1.8	59.1	- 2.3	66.3	- 3.5	76.0	1.0	72.3	- .5	65.4	- .7	54.3	- 1.7	46.5	1.5	28.6	- 5.7	51.5	- 1.6
INDIAN MILLS 2 W	30.1	- 3.7	27.2	- 6.6	38.3	- 3.0	52.4	1.2	59.6	- 2.5	66.7	- 3.6	76.7	1.8	72.1	- .8	65.0	- 2.0	54.5	- 1.6	46.2	.9	27.8	- 7.2	51.4	- 2.2
JERSEY CITY	30.6	- 2.3	26.5	- 6.2	38.8	- 1.5	51.0	.6	57.5	- 3.9	65.1	- 5.2	74.5	- 1.2	72.9	- 1.1	65.7	- 1.3	53.2	- 3.8	46.0	2.1	27.8	- 5.8	50.8	- 2.5
LAMBERTVILLE	30.5	- 1.3	27.6	- 4.7	38.9	- 1.3	52.7	2.0	59.5	- 2.1	66.8	- 3.2	76.4	1.5	73.2	.3	65.8	- .2	54.0	- 1.6	44.9	.7	27.8	- 5.9	51.5	- 1.3
LAURELTON 1 E	30.3	- 3.4	26.4	- 7.0	38.6	- 2.2	50.5	- .1	56.8	- 4.6	64.4	- 5.5	75.5	.8	71.4	- 1.1	64.5	- 1.3	53.8M	- 1.7	45.3	.2				
LAYTON 3 NW	26.8	- .2	22.3	- 5.4	36.0	- .3	48.5M	1.1	55.3	- 3.1	62.0	- 5.3	71.9	.1	70.3	.6	62.6	.9	51.5	- .2	41.0	1.0	23.0	- 5.8	47.6	- 1.4
LEESBURG STATE FARM	M		27.3		38.8		52.0		61.7M		68.7M		77.8		73.8		67.0		57.4M		47.3		30.5M			
LITTLE FALLS 1 E	30.8	- .5	26.6	- 4.9	39.8	.1	52.4	2.0	57.7	- 3.6	65.7	- 4.0	75.5	.6	73.3	.5	65.6	- .1	52.6	- 3.0	46.7	2.4	27.4	- 6.2	51.2	- 1.4
LONG BRANCH	31.5	- 1.8	27.3	- 5.6	39.3	- .9	50.6	1.1	57.1	- 2.7	65.0	- 4.2	75.5	.9	72.6	- .2	66.0	- .1	54.9	- 1.3	47.0	1.5	29.1	- 6.1	51.3	- 1.6
LONG VALLEY	28.6		25.4		37.5		50.6		56.0		63.0		73.7		70.0		62.8		51.9		42.3		24.9		48.9	
MILLVILLE	32.0M		28.9M		40.2		54.0		61.5		68.9		78.3		74.1		67.4		55.7M		48.5		28.7M		53.2	
MOORESTOWN	31.8	- 1.4	27.8M	- 5.4	39.3	- 1.8	53.5M	2.5	59.7	- 2.0	66.6M	- 3.6	76.8	1.6	72.3	- .8	65.0	- 1.3	54.8	- 1.1	46.0	1.2	28.8	- 6.0	51.9	- 1.5
MORRIS PLAINS	29.2		25.4M		37.4		50.2		55.8		63.5		73.2		70.9		63.3		50.6		44.5		25.1		49.1	
NEWARK W8 AIRPORT	31.7	.2	27.8	- 3.9	40.4	- .1	53.0	3.0	59.2	- 1.9	67.5	- 3.0	76.7	1.4	74.9	1.8	67.4	.6	55.0	- .6	47.4	2.5	29.2	- 4.8	52.5	- .4
NEW BRUNSWICK EXP STA	30.8	- 1.8	27.5	- 5.1	39.5	- 1.1	52.9	2.1	59.0	- 2.7	66.5	- 3.5	75.8	.7	73.0	- .1	65.9	- .7	54.6	- 1.6	46.6	1.6	28.3	- 5.9	51.7	- 1.5
NEWTON	25.6	- 2.3	22.1	- 6.0	36.5	- .4	49.5	1.3	54.7	- 4.7	62.4	- 5.1	72.5M	.0	69.3	- .9	61.5	- 1.6	48.4	- 4.5	42.2	1.1	21.7	- 8.2	47.2	- 2.6
PATERSON	29.6	- 2.3	25.4M	- 6.6	40.1	.2	52.9	2.0	58.5	- 3.6	66.2M	- 4.5	76.5	.6	74.1	.5	66.3	- .1	52.8	- 3.5	47.0	2.2	27.8	- 6.3	51.4	- 1.8
PEMBERTON 3 E	30.7	- 3.7	27.2	- 7.0	39.1	- 3.2	52.9	.8	59.8	- 3.2	66.8	- 4.4	76.3	.6	72.4	- 1.6	65.5	- 2.0	54.8	- 2.2	47.0	.9	28.9	- 6.8	51.8	- 2.6
PHILLIPSBURG	31.3	.9	28.0	- 2.9	40.2	.9	53.3	3.1	59.0	- 2.4	66.2	- 3.6	76.7	2.3	73.9	1.6	64.8	- .4	54.2	2.0	45.6	2.7	27.8	- 4.7	51.8	.0
PLAINFIELD	30.7	- 1.5	27.3	- 5.1	39.8	- .4	52.3	1.6	58.3	- 3.0	66.0	- 3.9	75.3	.2	72.8	- .3	65.8	- .3	53.4	- 2.5	45.5	.9	28.3	- 5.8	51.3	- 1.7
PLEASANTVILLE 1 N	29.5M	- 4.7	26.3	- 7.4	38.4M	- 2.4	50.2	.2	57.7	- 2.7	65.7	- 3.7														
RIDGEFIELD	30.5M	- .7	27.3	- 4.0	39.7	.0	52.7	2.5	58.0	- 3.1	66.4	- 3.6	75.6	.4	73.7	.7	65.5	- .5	53.7	- 1.9	46.0	1.8	27.6	- 5.9	51.4	- 1.2
RUNYON	28.7	- 2.1	27.2	- 3.7	39.2	- .1	51.9	2.8	58.9	- 1.4																
SANDY HOOK L8STA	31.9	- 1.1	29.4	- 3.6																	50.1	3.3	31.8	- 4.3		
SHILOH					M		53.4M	.9	58.6M	- 4.7	M		78.1	1.5	73.8	- .9	66.8	- 1.2	56.9	- .4	48.5	2.4	29.9	- 6.2		
SOMERVILLE	29.6	- 1.9	26.3	- 5.6	38.8	- 1.2	51.6	1.3	58.1	- 3.1	66.3	- 3.5	75.5	.8	72.7	- .1	64.9	- 1.1	53.3	- 2.2	44.3	.5	26.5	- 6.7	50.7	- 1.9
SUSSEX 3 N	24.1	- 4.1	20.5	- 8.6	34.9	- 3.0	47.9	- 1.4	54.4	- 6.0	62.2	- 6.7	72.1	- 1.3	69.4	- 1.8	61.8	- 2.0	49.2	- 4.4	42.2	.1	21.6	- 9.0	46.7	- 4.0
TRENTON 2	32.5M		27.5		39.8		53.8M		60.3		67.4		76.7		73.1		65.4		52.9M		45.5		27.4M		51.9	
TRENTON W8 CITY	31.7	- .9	28.2	- 4.5	40.2	- 1.1	54.0	3.3	60.4	- 1.4	67.4	- 3.4	76.8	1.5	73.6	.4	66.1	- .9	54.8	- 1.3	46.8	1.2	29.1	- 5.9	52.4	- 1.1
TUCKERTON	30.8		27.6		38.1		50.3		57.7		65.6		76.4		72.4		64.9		55.0		47.5		28.8		51.3	
WOODSTOWN							M		61.7		68.9M		78.4M		74.5M		67.1M		56.3M		47.9M		29.9			
DIVISIONAL AVERAGES																										
NORTHERN	28.8	- 1.7	25.2	- 5.6	38.1	- .9	51.1	1.4	57.0	- 3.7	64.6	- 4.6	74.2	.0	71.7	- .4	64.1	- .9	52.0	- 2.7	44.3	1.0	25.6	- 6.9	49.7	- 2.1
SOUTHERN	31.0	- 2.8	27.6	- 6.1	39.2	- 2.3	52.7	1.4	59.8	- 2.3	67.1	- 3.6	77.1	1.6	73.4	- .1	66.3	- .6	55.4	- 1.2	47.1	1.6	29.1	- 6.1	52.2	- 1.7
COASTAL	33.3	- 1.5	29.4	- 4.7	39.8	- .9	51.4	1.7	58.3	- 1.6	66.0	- 3.4	75.7	1.0	73.1	- .5	66.6	- 1.1	56.3	- 1.7	49.1	2.0	30.1	- 6.8	52.4	- 1.5

A narrative Special Weather Summary appeared in the February, March, June, July, August and in December issues of this publication for 1958.

See Reference Notes Following Station Index

TOTAL PRECIPITATION AND DEPARTURES FROM LONG-TERM MEANS

STATION	JANUARY		FEBRUARY		MARCH		APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER		OCTOBER		NOVEMBER		DECEMBER		ANNUAL	
	PRECIP	DEPARTURE	PRECIP	DEPARTURE	PRECIP	DEPARTURE	PRECIP	DEPARTURE	PRECIP	DEPARTURE	PRECIP	DEPARTURE	PRECIP	DEPARTURE	PRECIP	DEPARTURE	PRECIP	DEPARTURE	PRECIP	DEPARTURE	PRECIP	DEPARTURE	PRECIP	DEPARTURE	PRECIP	DEPARTURE
ATLANTIC CITY W8 AP	-		-		-		-		-		-		10.92	7.22	9.48	4.90	3.71	.34	6.11	3.06	2.71	- .41	2.64	- .44	-	
ATLANTIC CITY	5.24	1.46	6.86	3.62	7.57	4.04	4.33	.93	4.42	1.44	4.38	1.39	9.57	5.79	9.53	4.81	3.85	.34	6.71	3.50	2.09	-1.23	2.62	- .69	67.17	25.40
AUDUBON	E 4.21		4.83		5.87		4.23		4.74		5.81		5.96		7.80		2.32		5.19		2.48		1.49		E54.93	
BASS RIVER ST FOREST	E 5.95		E 6.97		E 7.01		4.17		5.22		3.26		7.85		9.58		4.80		9.01		E 2.92		E 2.53		E69.27	
BELLEPLAIN	2.63	- .99	E 5.19	2.19	E 6.74	2.43	4.96	1.40	4.66	.59	3.84	1.41	7.91	3.73	10.40	4.52	3.40	- .64	3.18	- .46	3.29	- .89	E 2.73	- .80	E58.93	12.49
BELMAR	-		-		-		-		-		-		-		-		-		-		-		-		-	
BELVIDERE	4.28	.50	4.79	1.76	4.39	.15	6.63	2.69	4.33	.10	2.50	-1.90	6.83	1.46	3.14	-2.02	5.35	1.62	E 4.97	1.56	3.38	- .65	E 1.33	-2.31	E51.92	2.96
BERLIN 1 W	7.12		E 4.42		3.50		5.35		5.78		3.81		7.19		E10.14		3.35		5.81		2.75		2.60		E61.82	
BLACKWELLS MILLS	5.53		3.85		4.24		6.39		3.83		2.70		7.03		3.60		3.53		6.37		2.95		1.67		51.69	
BOONTON 2 SE	5.01	1.72	3.72	1.15	3.54	- .47	6.85	3.15	4.09	- .26	2.07	-1.99	4.13	- .07	3.02	-1.94	5.11	.83	6.99	3.77	3.84	- .28	1.07	-2.17	49.44	3.44
BOUND BROOK 1 W	4.82		3.78		2.58		5.78		3.28		3.08		6.74		3.08		3.24		5.67		2.87		1.17		46.09	
BRANCHVILLE	3.94		4.29		4.71		6.53		3.31		2.33		3.44		2.72		5.32		5.19		3.47		.92		46.17	
BURLINGTON	3.96	.61	2.94	.20	4.88	.37	4.55	1.13	3.51	- .57	3.21	- .52	5.41	1.17	7.37	2.78	2.16	-1.57	4.67	1.35	1.50	-2.24	1.26	-1.68	45.42	1.03
CANISTEAR RESERVOIR	5.47		4.63		5.19		6.51		4.02		2.95		3.53		3.58		7.07		4.90		3.30		1.00		52.15	
CANOE BROOK	5.74	1.93	3.54	.72	3.85	- .51	7.51	3.65	3.42	-1.11	3.43	- .78	4.04	- .58	3.43	-1.99	3.41	- .98	6.61	3.37	3.39	- .84	1.29	-2.23	49.66	.65
CANTON	3.74		4.36		5.60		3.81		4.29		3.86		7.59		7.31		2.53		3.73		1.98		1.05		49.85	
CAPE MAY 3 W	2.86		E 4.95		5.86		5.84		5.48		2.66		7.21		11.34		2.74		2.49		2.29		E 2.38		E56.10	
CEDAR GROVE	7.37		4.06		3.86		8.47		4.48		2.48		4.81		2.89		4.95		7.94		3.47		1.53		56.31	
CHARLOTTEBURG	5.73	1.94	5.34	2.32	4.78	.19	7.02	2.93	3.91	- .50	1.75	-2.74	4.83	.10	4.42	- .56	4.49	.09	6.33	2.56	3.50	-1.19	1.29	-2.66	53.39	2.48
CHATHAM	5.58	1.71	4.02	.95	4.34	- .23	7.38	3.39	E 3.53	- .90	2.88	-1.34	4.63	.07	2.83	-2.70	3.38	-1.09	6.68	3.45	3.65	- .66	1.93	-1.86	E50.83	.79
CHATSWORTH 5 S	5.77		4.75		4.99		4.49		-		-		-		-		-		-		-		-		-	
CLAYTON	5.07		6.19		5.08		6.58		5.27		4.31		7.10		11.33		3.58		5.44		1.93		1.02		62.90	
CLINTON	4.44		4.32		3.73		6.70		4.68		2.98		6.04		2.80		4.89		4.29		3.43		1.46		49.76	
DEEPWATER	3.01		3.18		4.49		4.15		3.66		3.32		6.58		6.75		2.65		3.45		2.19		E 1.21		E44.64	
ELIZABETH	6.16	2.01	5.67	2.61	5.14	.67	6.91	3.05	3.67	- .67	3.65	- .26	3.87	- .51	3.88	-1.13	4.44	.10	7.19	3.88	2.50	-1.42	2.00	-1.42	55.08	6.91
ELIZABETHPORT	4.80		4.45		3.95		6.20		4.22		3.08		6.83		2.70		3.09		6.64		2.04		1.67		49.67	
ESSEX FELLS SERV BLDG	E 5.66		4.54		4.09		6.30		3.40		1.94		5.16		2.28		4.27		6.54		3.37		1.37		E48.92	
FLEMINGTON 1 NE	4.84	1.48	4.08	1.45	3.22	- .91	6.26	2.61	3.71	- .63	3.44	- .48	6.48	2.10	3.23	-2.10	4.92	1.43	5.32	2.14	3.31	- .45	1.49	-1.86	50.30	4.78
FORTESCUE	3.28		3.32		5.70		5.11		3.65		2.17		7.52		9.10		4.71		2.93		2.07		1.57		51.13	
FREEHOLD	6.03	2.39	4.18	1.23	5.27	1.07	5.68	2.12	6.29	2.16	2.92	- .81	3.72	- .30	3.50	-1.50	3.00	- .87	6.98	3.46	2.52	-1.54	1.61	-1.77	51.70	5.64
GREENWOOD LAKE	6.03		5.64		5.19		6.56		3.87		3.08		4.68		3.58		6.53		5.64		4.00		1.37		56.17	
HAMMONTON 2 NNE	4.96	1.27	6.75	3.69	6.16	1.86	5.43	1.76	4.20	.05	3.20	- .84	8.19	4.00	8.77	2.82	4.56	1.07	5.18	1.51	2.91	- .86	1.72	-1.40	62.03	14.93
HIGH POINT PARK	5.16		3.69		E 3.45		E 6.06		4.42		2.57		2.81		5.25		5.60		7.78		2.92		.74		E50.45	
HIGHTSTOWN 1 N	4.90	1.62	4.46	1.87	4.69	.79	5.18	1.88	4.87	1.03	2.34	-1.66	5.24	.99	3.86	- .91	2.35	-1.76	6.16	2.89	2.31	-1.16	1.12	-1.80	47.48	3.78
INDIAN MILLS 2 W	5.57	1.85	6.16	3.24	6.87	2.63	4.73	1.27	6.25	2.15	3.29	- .76	8.01	4.17	11.28	5.67	3.87	.42	4.58	1.23	2.43	-1.37	1.40	-1.72	64.44	18.78
IRVINGTON	5.10		4.31		3.66		6.45		3.64		3.91		5.35		2.24		3.85		5.91		2.12		1.30		47.84	
JERSEY CITY	5.24	1.77	5.21	2.45	5.62	1.62	7.28	3.83	4.78	.83	4.07	.55	5.53	1.57	2.68	-1.82	3.55	- .31	5.52	2.54	2.09	-1.32	1.81	-1.37	53.38	10.34
LAMBERTVILLE	4.05	.61	3.64	1.05	4.71	.60	5.78	2.19	2.95	-1.42	2.76	-1.19	6.81	2.34	3.60	-1.78	2.80	- .49	4.52	1.53	E 2.99	- .79	1.53	-1.62	E46.14	1.03
LAURELTON 1 E	6.49	2.64	6.13	3.03	7.00	2.73	5.60	1.88	4.42	.26	3.47	- .04	6.33	2.53	3.58	-1.56	3.86	.12	8.47	4.56	3.09	-1.12	E 1.97	-1.32	E60.41	13.71
LAYTON 3 NW	4.20	1.29	4.44	2.16	5.82	2.34	5.49	1.72	4.19	.08	2.09	-2.12	3.86	-1.05	3.15	-1.40	6.13	2.38	5.29	1.92	3.04	- .79	1.06	-1.66	48.76	4.85
LEESBURG STATE FARM	3.18		4.95		7.18		4.30		5.46		2.95		8.64		10.71		4.05		3.00		3.34		2.25		60.01	
LITTLE FALLS 1 E	6.35	2.60	4.43	1.50	4.30	- .10	6.67	2.43	3.94	- .64	1.83	-2.62	3.60	- .90	2.98	-2.29	4.43	- .17	6.93	3.44	3.54	- .86	1.25	-2.53	50.25	- .14
LONG BRANCH	4.77	.84	4.86	1.49	5.71	1.42	5.80	2.26	5.75	2.11	2.34	-1.25	3.57	- .52	5.11	- .26	2.90	-1.11	7.31	3.81	2.37	-1.57	1.99	-1.55	52.48	5.67
LONG VALLEY	E 5.44	1.83	E 4.23	1.37	2.57	-1.78	6.57	2.76	3.76	- .54	2.45	-1.84	6.08	.94	2.77	-2.54	4.39	.50	4.95	1.51	3.54	- .82	E 1.81	-1.75	E48.56	- .36
MACOPIN INTAKE	5.40		E 4.97		4.34		7.28		4.04		1.84		4.76		4.99		6.57		7.72		4.09		1.25		E57.25	
MAHWAH	5.47		4.48		3.65		6.71		4.22		2.21		3.16		4.47		4.83		5.63		3.85		1.14		49.82	
MANVILLE	5.23		4.36		5.29		6.78		4.30		4.06		7.06		3.19		4.86		6.91		3.95		E 1.63		E57.62	
MARLTON 1 W	4.27		5.28		5.09		4.00		4.65		5.98		9.58		7.57		2.18		4.58		2.05		1.51		56.74	
MAYS LANDING	3.61		8.22		7.32		4.61		3.59		3.46		10.18		9.00		4.14		2.97		E 2.65		2.12		E61.87	
MIOLAND PARK	5.62		3.77		4.45		6.78		4.40		1.98		4.18		3.89		4.49		5.97		4.13		1.05		50.71	
MILLVILLE	3.97		E 5.36		5.69		4.53		4.21		2.90		9.35		9.29		3.62		3.69		3.10		1.29		E57.00	
MILTON	5.88		4.79		6.39		6.46		4.69		2.09		3.60		4.13		6.47		5.06		4.31		1.14		55.01	
MOORESTOWN	3.68	.45	3.95	1.38	4.10	.23	4.24	.77	4.58	.25	4.32	.68	5.87	1.89	8.09	3.16	2.43	-1.24	5.04	2.04	2.42	-1.22	1.41	-1.34	50.13	7.05
MORRIS PLAINS	5.38		4.14		3.42		7.26		3.93		1.95		4.64		3.48		5.48		6.85		3.70		1.18		51.41	
NEWARK W8 AIRPORT	3.55	- .05	4.36	1.26	4.31	.53	6.41	3.14	3.76	.03	3.66	- .14	4.53	.33	2.39	-1.80	3.60	- .29	5.48	2.28	1.97	-1.13	1.45	-1.65	45.47	2.51
NEW BRUNSWICK EXP STA	5.46	2.08	E 4.10	1.50	4.53	.67	5.97	2.63	4.09	.10	2.99	- .84	5.86	1.61	3.27	-1.51	3.28	- .91	6.26	3.14	2.33	-1.30	1.67	-1.39	E49.81	5.78
NEW MILFORD	5.70	2.18	3.22	.51	4.32	.19	6.72	2.93	3.70	- .38	1.90	-2.00	2.78	-1.60	4.31	- .18	2.66	-1.17	4.72	1.62	3.46	- .27	1.08	-2.33	44.57	- .50
NEWTON	3.51	.41	3.42	.91	3.50	- .08	6.53	2.93	3.46	- .78	1.93	-2.54	4.32	- .36	3.28	-1.38	6.08	2.22	4.57	1.14	3.99	.25	.85	-2.28	45.44	.44
OAK RIDGE RESERVOIR	5.38		4.70		5.56		6.55		4.77		2.29		3.85		4.60		6.55		6.03		3.80		1.34		55.42	
OLDWICK	4.36		3.59		4.42		6.94		3.87		3.17		4.49		4.29		5.19		4.78		3.25		1.20		49.55	
ORANGE	6.15		4.77		5.24		7.14		4.49		2.56		5.44		4.07		4.68		7.06		3.52		1.43		56.55	
PATERSON	6.44	2.76	E 3.57	.67	5.73	1.27	7.18	3.22	5.02	.54	2.28	-2.07	3.66	- .92	3.41	-1.63	3.98	- .21	6.28	3.02	3.47	- .66	E 1.13	-2.55	E52.08	3.44
PEMBERTON 3 E	5.91	2.59	5.81	3.19	6.62	2.89	4.99	1.55	4.39	.41	3.55	- .34	5.82	1.47	10.80	5.87	3.02	- .67	5.17	1.95	2.53	-1.03	1.40	-1.51	60.01	16.37
PHILLIPSBURG	4.50	.63	4.27	1.27	3.82	- .42	6.39	2.49	4.64	.34	2.49	-1.90	3.47	-2.17	4.26	-1.05	3.55	- .47	3.10	- .39	2.38	-1.38	1.49	-2.08	44.36	- 5.13
PHILLIPSBURG BRIDGE	4.45		E 4.71		4.27		5.96		E 4.23		1.64		4.00		5.02		4.74		3.90		2.97		.89		E46.78	
PLAINFIELD	6.14	2.46	5.19	2.35	5.54	1.25	6.31	2.56	4.22	- .16	4.15	- .42	5.54	1.05	3.19	-2.21	3.82	- .69	7.10	3.78	2.73	-1.19	1.76	-1.67	55.69	7.11
PLEASANT RUN	4.99		3.52		3.00		6.70		2.70		3.93		8.47		2.58		3.39		5.23		2.9		1.34		48.84	
PLEASANTVILLE 1 N	4.23	.34	5.85	2.60	6.37	2.11	5.33	1.74	4.58	1.04	4.25	1.11	-		-		-		-		-		-		-	
PRINCETON WATER WORKS	4.31		4.60		4.80		5.46		3.66		2.13		6.50		3.71		2.72		5.08		2.35		1.37		46.69	
RAHWAY	4.56		3.81		3.47		6.35		3.28		3.72		7.08		3.06		3.20		7.37		1.89		1.62		49.41	
RIDGEFIELD	5.42	1.70	4.29	1.40	5.45	.94	6.87	3.21	3.76	- .51	3.28	- .48	5.23	.91	2.53	-2.20	4.14	- .02	7.17	3.81	2.88	-1.08	1.96	-1.64	52.96	6.04
RINGWOOD	5.52		5.16		5.51		6.31		3.36		3.19		3.17		4.22		6.13		5.77		3.66		1.10		53.10	
RUNYON	5.71	2.05	5.22	2.35	5.80	1.55	5.46	1.90	3.72	- .02	-		-		-		-		-		-		-		-	
SANDY HOOK L8STA	4.97	2.47	4.68	2.18	-		-		-		-		-		-		-		-		2.14	-1.24	2.49	- .58	-	
SMITH	E 3.83	.16	E 4.22	1.41	E 5.46	1.62	3.65	.52	4.62	.42	3.10	- .34	5.85	1.99	7.63	2.53	5.06	1.15	4.44	1.32	2.18	-1.46	1.34	-1.78	E51.38	7.54
SOMERVILLE	4.78	1.43	3.99	1.35	4.17	.09	5.86	2.32	3.64	- .48	3.60	- .40	6.35	1.91	2.65	-2.76	4.41	.97	6.07	2.79	3.22	- .53	1.26	-1.97	50.00	4.72
SPLIT ROCK POND	5.08		4.19		3.28		6.74		3.65		1.90		4.92		3.13		5.76		7.25		3.88		1.15		50.93	
SUSSEX 3 N	3.89	.39	2.44	- .30	2.02	-1.61	6.77	3.03	3.78	- .18	1.67	-2.53	3.46	-1.61	4.04	- .83	5.33	1.67	5.36	2.16	3.18	- .82	.90	-2.52	42.84	- 3.15
SWEDESBORO 5 NW	3.30		3.35		4.25		5.17		4.05		4.68		7.02		7.49		2.83		5.35		2.47		1.32		51.28	
TOMS RIVER	7.14		5.66		7.27		5.68		6.45		3.94		9.40		8.51		4.58		8.42		3.15		1.04		71.24	
TRENTON 2	4.86	1.11	5.65	2.79	6.72	2.31	6.89	3.16	3.97	- .37	2.98	-1.27	5.59	.87	5.33	- .26	3.02	-1.21	4.57	1.32	2.71	-1.09	1.53	-1.76	53.82	5.60
TRENTON W8 CITY	3.66	.50	4.91	2.25	5.08	1.88	5.77	2.77	3.94	.46	2.87	-1.00	4.73	.67	4.59	.00	3.06	- .69	3.72	1.07	1.97	- .89	1.16	-1.62	45.46	5.40
TUCKERTON	E 6.07		4.57		10.02		6.47		5.00		2.40		9.05		10.40		4.40		5.80		E 2.57		E 2.40		E69.15	
VINELAND	4.47		4.98		5.09		5.80		4.29		3.19		8.92		8.47		3.58		3.32		2.89		1.53		56.53	
WANAQUE RAYMOND DAM	5.73		5.13		4.83		6.62		3.31		1.88		3.35		4.55		4.96		5.92		3.61		1.22		51.11	
WERTSVILLE	4.31		3.65		2.69		6.02		2.97		2.49		8.29		3.78		2.91		5.96		3.15		1.56		47.78	
WESTFIELD	6.34		4.54		5.25		6.98		3.99		3.23		5.73		2.70		4.14		7.73		2.48		1.28		54.37	
WOODCLIFF LAKE	6.42	2.81	3.96	1.21	4.92	.70	6.38	2.47	3.98	- .23	E 2.03	-1.65	E 3.37	- .97	E 4.22	- .45	E 3.99	.01	5.38	2.28	3.85	- .06	1.15	-2.37	E49.65	3.75
WOODSTOWN	-		-		-		E 4.38		3.96		4.10		8.26		9.17		2.86		3.86		2.56		E 1.52		-	
DIVISIONAL AVERAGES																										
NORTHERN	5.04	1.47	4.23	1.43	4.29	.10	6.61	2.83	3.94	- .35	2.71	-1.45	4.78	.16	3.32	-1.75	4.51	.48	6.00	2.69	3.17	- .82	1.37	-2.10	49.97	2.69
SOUTHERN	4.78	1.23	5.08	2.29	5.98	1.92	5.19	1.75	4.61	.62	3.45	- .26	6.73	2.68	7.83	2.63	3.27	- .51	4.98	1.71	2.53	-1.25	1.52	-1.64	55.95	11.17
COASTAL	4.29	.62	5.47	2.51	6.38	2.52	5.32	2.07	5.22	1.85	3.13	- .04	7.82	4.41	8.87	3.96	3.30	- .44	5.66	2.56	2.32	-1.33	2.42	- .79	60.20	17.90

See Reference Notes Following Station Index

TEMPERATURE EXTREMES AND FREEZE DATA

Station	Highest	Date	Lowest	Date	Last spring minimum of								First fall minimum of								Number of days between dates				
					16° or below		20° or below		24° or below		28° or below		32° or below		32° or below		28° or below		24° or below		20° or below		16° or below					
					Date	Temp.	Date	Temp.	Date	Temp.	Date	Temp.	Date	Temp.	Date	Temp.	Date	Temp.	Date	Temp.	Date	Temp.	Date	Temp.	16° or below	20° or below	24° or below	28° or below	32° or below
ATLANTIC CITY WB AIRPORT	93	7- 3	-	-	-	-	-	-	-	-	-	-	-	-	11- 8	30	11-23	22	11-23	22	11-30	18	12- 1	15	-	-	-	-	-
ATLANTIC CITY	90	7- 3	7	2-17	2-19	15	2-19	15	2-23	24	2-23	24	4- 9	32	11-27	32	11-30	19	11-30	19	11-30	19	12-11	15	295	284	280	280	232
AUDUBON	94	7-31	3	2-18	2-19	12	2-19	12	2-24	24	3-29	28	4- 9	30	11- 8	29	11-23	25	11-30	18	11-30	18	12-10	16	294	284	279	239	213
BELLEPLAIN	93	7-31+	- 4	1-10	2-21	12	2-23	20	3-18	22	4- 8	28	4-10	30	11- 4	31	11- 8	25	11-23	21	11-30	18	12- 1	12	283	280	250	214	208
BELVIDERE	96	7- 2	- 3	2-11	2-23	16	2-23	16	2-23	16	4- 9	26	4-14	31	10- 6	30	11- 8	26	11-23	21	11-30	14	11-30	14	280	280	273	213	175
BOONTON 2 SE	90	7-27+	0	12-11	2-20	13	2-23	19	3- 9	24	4-10	28	5-10	32	10- 6	26	10- 6	26	11-23	21	11-28	20	11-30	16	283	278	259	179	149
BURLINGTON	96	7-31	5	2-17	2-19	13	2-21	20	2-21	20	3-18	28	4-10	32	11- 4	32	11-23	25	11-30	18	11-30	18	12-10	15	294	282	282	250	208
CANOE BROOK	92	7- 5+	- 6	1-10	2-21	10	2-21	10	3-24	22	4-10	26	5-14	32	10- 6	25	10- 6	25	11- 8	21	11-23	19	11-30	16	282	275	229	179	145
CAPE MAY 3 W	92	7- 5	8	2-17	2-17	8	2-19	17	2-19	17	-		-		11-25	32	11-30	22	11-30	22	12- 1	20	12-11	16	297	285	284	-	-
CHARLOTTESBURG	90	7- 3	-11	2-12+	2-20	11	2-24	19	4- 9	24	5-10	28	5-14	29	9-12	32	10- 6	27	10-14	23	11-23	20	11-30	12	283	272	188	149	121
CHATSWORTH 5 S	-	-	-	-	2-21	15	2-24	20	3-17	24	3-29	27	4-10	31	-		-		-		-		-		-	-	-	-	-
CLAYTON	92	7-31+	3	2-17	2-21	16	2-23	20	2-24	22	3-24	28	4- 9	29	11- 8	29	11-23	25	11-28	22	11-29	19	12-10	16	292	279	277	244	213
ELIZABETH	94	7- 1	3	2-18	2-21	13	2-23	17	2-23	17	4- 9	28	4-10	30	11- 8	29	11-23	25	11-28	24	11-30	17	12- 7	14	289	280	278	228	212
ESSEX FELLS SERV BLDG	94	7- 3	- 2	2-19+	2-22	16	2-24	18	3- 9	22	4- 9	26	4-10	32	10- 6	27	10- 6	27	11-23	20	11-23	20	11-30	12	281	272	259	180	179
FLEMINGTON 1 NE	95	7- 2	- 3	12-11	2-21	11	2-23	18	4- 4	24	4-10	26	5-10	29	10- 6	27	10- 6	27	11- 8	21	11-23	19	11-28	16	280	273	218	179	149
FREEHOLD	93	7-31	1	2-17	2-21	15	2-23	18	3- 9	24	4- 9	27	4-10	30	10- 6	31	11-23	26	11-28	24	11-30	18	12- 7	16	289	280	264	228	179
HAMMONTON 2 NNE	95	8- 1	5	2-18	2-22	16	2-23	19	3-13	24	3-30	28	4-11	32	11- 8	30	11-23	24	11-23	24	11-30	19	12-10	14	291	280	255	238	211
HIGH POINT PARK	93	7- 2	- 7	2-19+	4- 9	16	4- 9	16	4-10	24	4-10	24	4-13	32	10- 2	32	10- 6	25	11-23	20	11-23	20	11-30	6	235	228	227	179	172
HIGHTSTOWN 1 N	93	7- 3+	3	1-13	2-21	14	2-23	20	2-23	20	4- 9	28	4-10	30	10- 6	31	11- 8	28	11-23	24	11-30	17	12-10	11	292	280	273	213	179
INDIAN MILLS 2 W	94	7-11	- 2	1-10	2-21	12	3-18	20	3-29	24	4-10	27	4-14	31	10- 6	29	11- 8	23	11- 8	23	11-23	18	12- 1	14	283	250	224	212	175
JERSEY CITY	90	8-15+	3	2-18	2-19	12	2-21	19	2-23	21	4- 9	28	4- 9	28	11-23	31	11-30	17	11-30	17	11-30	17	12-10	14	294	282	280	235	228
LAMBERTVILLE	93	7-31+	3	12-11	2-21	11	2-23	20	2-23	20	4- 9	28	4-14	31	10- 6	29	11- 8	25	11-23	22	11-28	20	12- 1	15	283	278	273	213	175
LAURELTON 1 E	94	7- 3	-	-	2-21	10	2-23	18	3-30	24	4-10	26	5- 1	32	10- 6	32	11- 8	24	11- 8	24	11-23	19	11-30	15	282	273	223	212	158
LAYTON 3 NW	95	7- 1	-17	2-11	2-23	9	4-10	19	5-10	24	5-10	24	5-30	32	10- 2	31	10- 7	21	10- 7	21	11- 8	18	11-23	14	273	212	150	150	125
LEESBURG STATE FARM	92	7- 6	-	-	2-21	16	2-24	20	3-13	22	4- 5	28	4-10	29	11- 4	31	11- 8	26	11-23	24	11-30	19	12- 1	15	283	279	255	217	208
LITTLE FALLS 1 E	94	7- 3+	1	2-18	2-21	14	2-23	20	3- 9	23	4- 9	28	4-11	32	10- 6	30	11- 8	25	11-23	24	11-30	16	11-30	16	282	280	259	213	178
LONG BRANCH	95	7-31	4	2-18	2-19	13	2-21	18	2-23	22	3- 9	28	4-10	32	11-23	27	11-23	27	11-30	18	11-30	18	12-10	11	294	282	280	259	227
LONG VALLEY	92	7- 1	- 5	12-11	2-19	10	2-21	18	3-29	23	4-14	28	5-14	31	10- 2	32	10- 6	26	11- 8	20	11- 8	20	11-29	16	283	260	224	175	141
MILLVILLE	94	7- 4	6	2-17	2-19	13	2-21	17	2-24	23	3-18	27	4-10	32	11- 8	28	11- 8	28	11-30	20	11-30	20	12-11	12	295	282	279	235	212
MOORESTOWN	92	7-31+	-	-	2-19	14	2-21	19	2-23	22	3-29	26	4-10	31	10- 6	29	11- 8	27	11-27	22	11-30	18	12-10	13	294	282	277	224	179
MORRIS PLAINS	92	7- 3	- 2	12-11	2-23	16	2-23	16	3-29	24	4-10	28	5-10	30	10- 6	26	10- 6	26	11- 8	24	11-23	20	11-30	14	280	273	224	179	149
NEWARK WB AIRPORT	96	7- 2	3	2-18	2-19	12	2-21	20	2-23	22	3- 9	27	4- 9	30	11-23	30	11-29	24	11-29	24	11-30	17	12-10	13	294	282	279	265	228
NEW BRUNSWICK EXP STA	92	7-31+	3	2-18	2-19	11	2-23	19	2-23	19	4- 9	27	4-10	30	10- 6	31	11- 8	28	11-23	23	11-30	16	11-30	16	284	280	273	213	179
NEWTON	98	7- 3	-13	2-12+	2-23	16	2-23	16	3-29	23	4-10	26	5-14	32	10- 2	31	10- 7	27	11- 8	22	11-23	20	11-30	13	280	273	224	180	141
PATERSON	97	7- 2	- 1	2-18	2-20	12	2-23	18	3- 9	23	4- 9	26	4- 9	26	11- 8	31	11-23	28	11-30	15	11-30	15	11-30	15	283	280	266	228	213
PEMBERTON 3 E	93	7-31+	1	12-22+	2-21	10	2-23	19	3-29	24	4- 9	28	4-14	32	10- 6	29	11- 8	24	11- 8	24	11-23	20	11-30	15	282	272	224	213	175
PHILLIPSBURG	94	7- 3	1	12-11	2-19	13	2-21	19	2-21	19	4- 9	27	4-14	32	10- 6	30	11-23	22	11-23	22	11-30	15	11-30	15	284	282	275	228	175
PLAINFIELD	93	7- 2+	3	12-11+	2-21	13	2-23	20	3- 9	24	4- 9	27	4-10	29	10- 6	30	11- 8	26	11-23	22	11-30	17	12- 1	16	283	280	259	213	179
PLEASANTVILLE 1 N	-	-	-	-	2-21	7	2-23	20	3-18	24	4- 5	27	4-10	30	-		-		-		-		-		-	-	-	-	-
RIDGEFIELD	95	7- 1	2	2-18	2-19	11	2-23	20	2-23	20	3-13	28	4-10	30	10- 6	32	11-23	25	11-29	24	11-30	17	12- 9	15	293	280	279	255	179
RUNYON	-	-	- 8	1-10	2-21	11	2-23	17	4- 5	22	4-10	28	5-10	30	-		-		-		-		-		-	-	-	-	-
SANDY HOOK LBSTA	-	-	0	2-17	2-19	13	2-20	20	2-27	24	2-27	24	2-27	24	11-30	28	11-30	28	12- 1	20	12- 1	20	12-11	2	295	284	277	276	276
SHILOH	94	7-31	-	-	-		-		3-13	24	-		4-10	30	11- 8	28	11- 8	28	11-30	18	11-30	18	12-10	16	-	-	262	-	212
SOMERVILLE	94	7- 2	- 1	12-11	2-23	12	2-23	12	3-18	24	4- 9	27	5-10	32	10- 6	29	11- 8	23	11- 8	23	11-23	19	11-30	15	280	273	235	213	149
SUSSEX 3 N	94	7- 2	-10	2-11	2-23	12	2-27	20	4-10	24	5-10	28	5-14	31	10- 2	32	10- 6	27	11- 8	24	11-23	20	11-30	12	280	269	212	149	141
TRENTON 2	94	7-31	5	2-17	2-19	11	2-23	20	2-23	20	4- 9	28	4- 9	28	10- 6	30	11-23	24	11-23	24	11-30	16	11-30	16	284	280	273	228	180
TRENTON WB CITY	93	7- 2	5	2-17	2-19	14	2-21	20	2-23	22	4- 9	28	4- 9	28	11-23	30	11-28	28	11-30	17	11-30	17	12-10	14	294	282	280	233	228
TUCKERTON	93	7- 3	- 3	1-13	2-21	15	3-18	20	3-30	22	4-10	28	4-14	30	10- 6	32	-		-		-		-		-	-	-	-	175
WOODSTOWN	94	7-31	-	-	-		-		-		-		-		11- 8	27	11- 8	27	11-23	23	11-30	18	12-11	11	-	-	-	-	-

TOTAL EVAPORATION AND WIND MOVEMENT

Station		Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual
ATLANTIC CITY WB AIRPORT	EVAP	-	-	-	-	-	-	-	-	86.46	-	-	-	-
	DEP	-	-	-	-	-	-	-	-	-	-	-	-	-
	WIND	-	-	-	-	-	-	-	-	2476	2951	-	-	-
	MAX	-	-	-	-	-	-	-	-	-	67.5	-	-	-
	MIN	-	-	-	-	-	-	-	-	-	49.8	-	-	-
CANOE BROOK	EVAP	-	-	-	-	-	4.53	4.39	B4.27	83.50	-	-	-	-
	DEP	-	-	-	-	-	- .01	- .72	.09	.52	-	-	-	-
	WIND	-	-	-	-	-	521	228	485	666	786	-	-	-

See reference notes following Station Index.

SOIL TEMPERATURES

Station and Depth	January		February		March		April		May		June		July		August		September		October		November		December		Annual	
	Average	Extremes	Average	Extremes	Average	Extremes	Average	Extremes	Average	Extremes	Average	Extremes	Average	Extremes	Average	Extremes	Average	Extremes	Average	Extremes	Average	Extremes	Average	Extremes	Average	Extremes
NEW BRUNSWICK EXP STA																										
MEASURED UNDER SOD																										
1 INCH	32.4	42/26	31.4	36/24	37.0	50/30	51.8	67/36	60.4	81/48	70.5	89/57	79.6	96/67	78.6	103/62	69.6	85/57	57.0	73/48	47.0	59/31	32.6	45/27	54.1	103/24
2 INCHES	32.6	42/27	31.0	34/26	36.5	47/31	50.0	62/38	59.7	76/49	69.2	82/60	77.6	90/69	76.1	88/65	69.0	81/58	57.7	70/48	47.4	56/33	33.2	43/30	53.3	90/26
4 INCHES	32.8	41/28	31.2	35/27	36.4	46/32	49.9	61/39	59.3	74/49	68.8	81/60	76.8	85/69	75.7	86/66	68.9	80/58	57.8	70/49	47.5	56/33	33.4	42/30	50.7	86/27
8 INCHES	34.1	41/32	32.4	36/30	36.4	42/33	48.8	57/40	58.0	68/50	67.2	74/63	75.0	79/70	74.2	79/69	68.6	75/62	58.6	77/51	48.6	55/37	35.2	42/32	53.1	79/30
16 INCHES	36.0	42/33	33.8	37/31	36.6	40/33	47.3	55/40	56.8	64/51	65.4	70/63	73.0	75/69	73.1	78/69	68.5	73/64	59.9	65/53	50.3	58/42	38.1	45/35	53.2	76/31
32 INCHES	38.8	44/37	36.1	38/34	37.1	40/35	45.4	52/40	54.6	60/50	63.4	65/59	69.3	71/66	71.0	73/69	68.2	71/66	61.2	66/56	52.4	57/47	41.4	47/37	53.2	73/34

Monthly averages are obtained by taking the average of max and min values.

Measured under Kentucky Bluegrass. Instrumentation: Copper-constantan Thermocouples connected to a Brown Electronik Potentiometer.

† CHANGES IN STATION NAMES

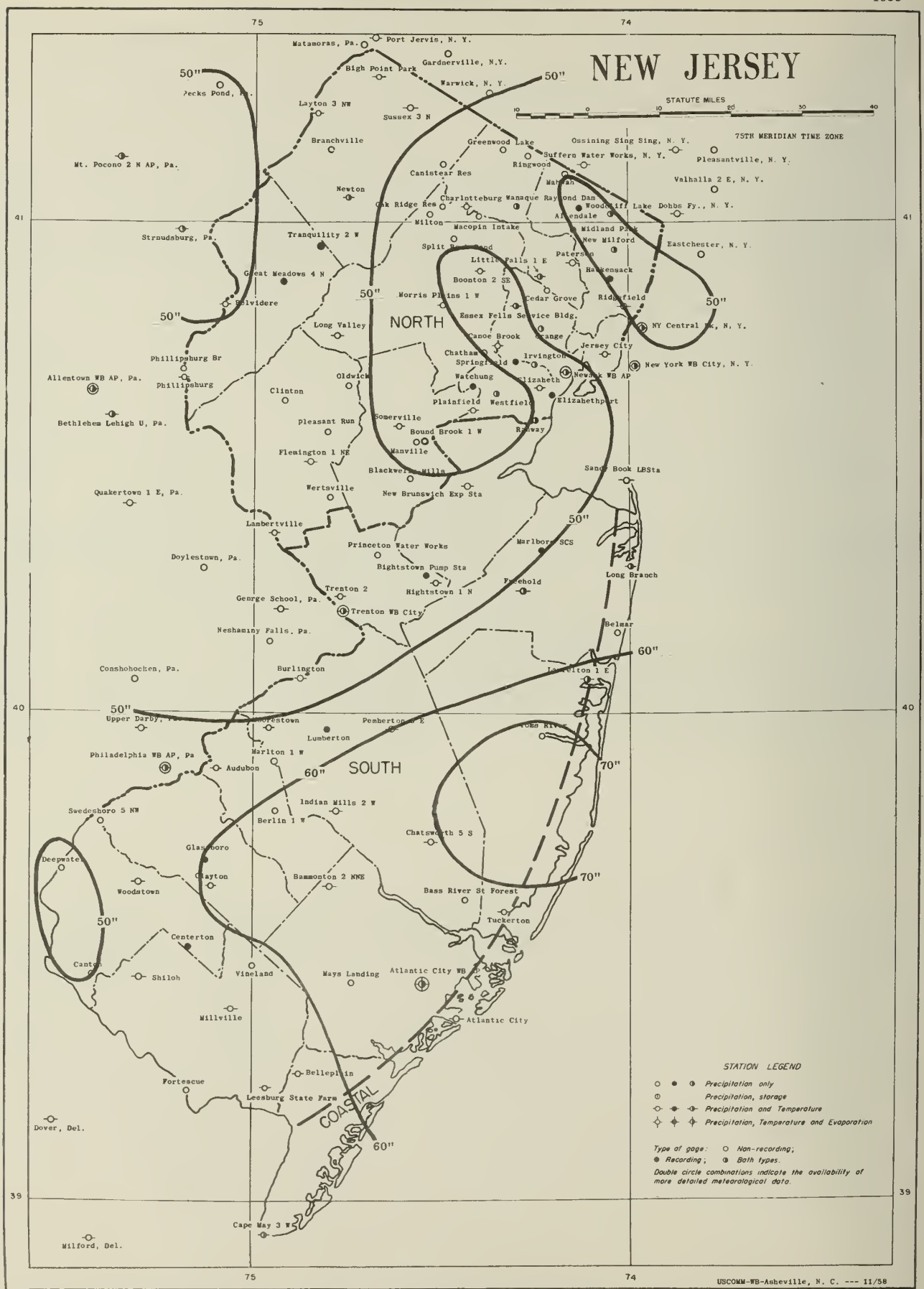
NEW NAME	OLD NAME	DATE
ATLANTIC CITY	ATLANTIC CITY WB	September 1958
SHILOH	BRIDGETON 1 NE	July 1958
WOODSTOWN	WOODSTOWN 5 WSW	April 1958

RELOCATION AND CHANGES IN EQUIPMENT

ATLANTIC CITY	All equipment moved 1.0 mile NW	July 21, 1958
BRIDGETON 1 NE	All equipment moved 4.0 miles WNW to Shiloh	June 19, 1958
HIGH POINT PARK	Temperature equipment and rain gage moved 400 feet E	May 21, 1958
WOODSTOWN	All equipment moved 5.0 miles ENE	April 16, 1958

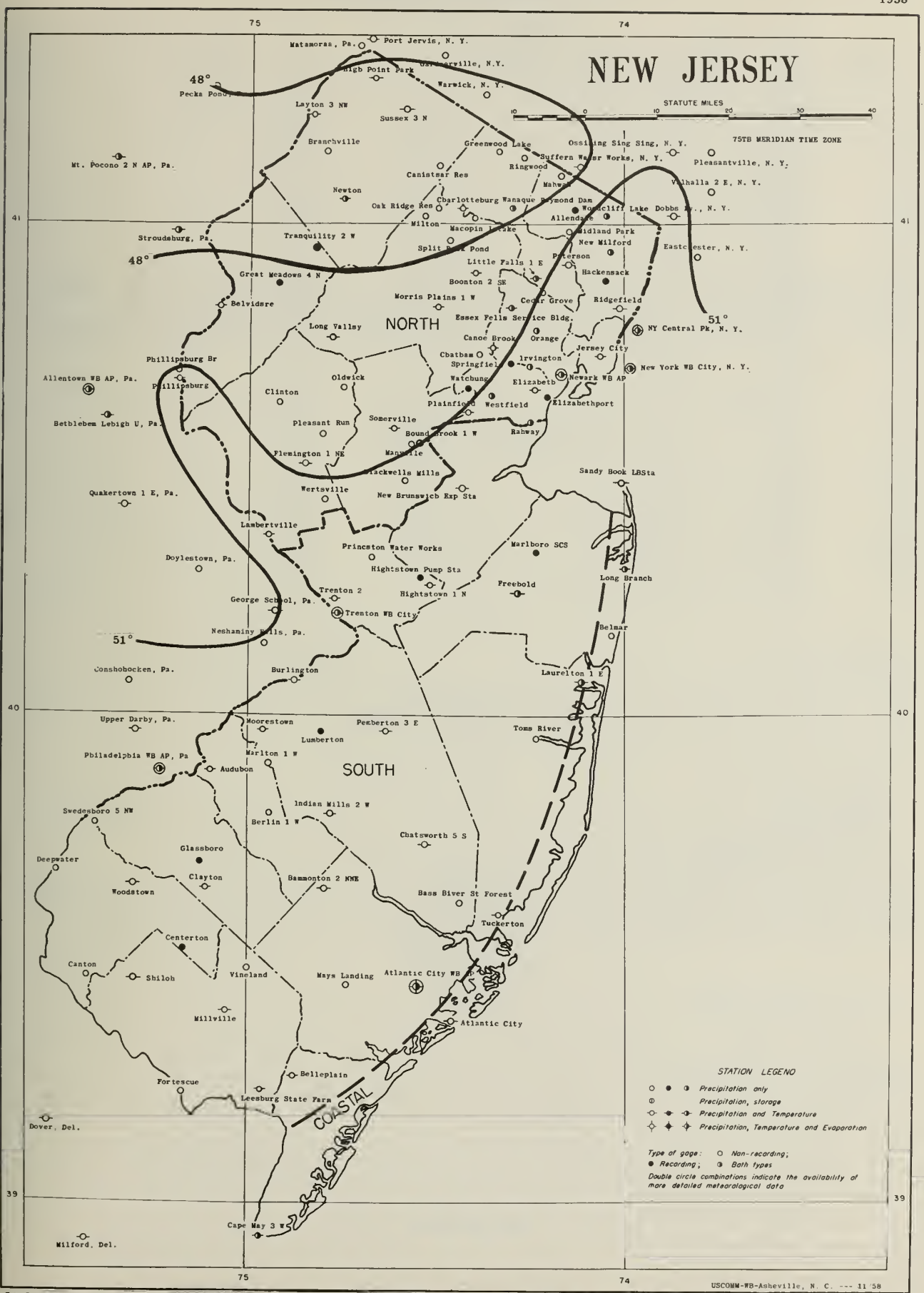
See reference notes following Station Index

TOTAL PRECIPITATION



Isolines are drawn through points of approximately equal values. Hourly precipitation data from recorder substations will be available in the publication "Hourly Precipitation Data".

AVERAGE TEMPERATURE



Isolines are drawn through points of approximately equal values. Hourly precipitation data from recorder substations will be available in the publication "Hourly Precipitation Data".

STATION INDEX

Station	Index No.	County	Drainage‡	Latitude	Longitude	Elevation	Years of record: Temp.	Years of record: Precip.	Years of record: Evap.	Opened or closed during yr.: Month opened	Opened or closed during yr.: Month closed	Refer to tables
ALLENDALE	0100	BERGEN	8	41 02	74 08	270						C
ATLANTIC CITY WB AIRPORT	0311	ATLANTIC	1	39 27	74 35	58	1	1		JUNE		1 2 3 4 C
#ATLANTIC CITY	0325	ATLANTIC	1	39 23	74 26	10	85	85				1 2 3
AUDUBON	0346	CAMDEN	2	39 54	75 04	50	6	9				1 2 3
BASS RIVER STATE FOREST	0528	BURLINGTON	1	39 37	74 26	20		12				2
BELLEPLAIN	0690	CAPE MAY	1	39 16	74 52	49	64	64				1 2 3
BELMAR	0721	MONMOUTH	1	40 10	74 02	19		16			INAC	2
BELVIDERE	0729	WARREN	2	40 50	75 05	289	66	66				1 2 3
BERLIN 1 W	0787	CAMDEN	7	39 48	74 57	150		17				2
BLACKWELLS MILLS	0847	SOMERSET	10	40 29	74 35	27		2				2
BOONTON 2 SE	0907	MORRIS	8	40 54	74 24	280	50	68				1 2 3
BOUND BROOK 1 W	0927	SOMERSET	10	40 33	74 33	20		2				1 2 3
BRANCHVILLE	0978	SUSSEX	2	41 09	74 45	570		57				2
BRIDGETON 1 NE	1028	CUMBERLAND	2	39 28	75 12	114	68	73			JULY	1 2 3
BURLINGTON	1211	BURLINGTON	2	40 04	74 53	12	46	72				1 2 3
CANISTEAR RESERVOIR	1327	SUSSEX	8	41 07	74 30	1040		18				2
CANOE BROOK	1335	ESSEX	8	40 45	74 21	180	28	28	28			1 2 3 4
CANTON	1343	SALEM	2	39 28	75 25	20		12				2
CAPE MAY 3 W	1351	CAPE MAY	1	38 56	74 57	17	33	70				1 2 3 C
CEDAR GROVE	1472	ESSEX	8	40 52	74 13	400		18				2
CENTERTON	1512	SALEM	6	39 31	75 10	80						C
CHARLOTTEBURG	1582	PASSAIC	8	41 03	74 26	760	66	66				1 2 3
CHATHAM	1590	MORRIS	8	40 44	74 23	185		54				2
CHATSWORTH S S	1598	BURLINGTON	1	39 44	74 32	90	15	15			INAC	1 2 3
CLAYTON	1708	GLOUCESTER	6	39 39	75 06	120	45	65				1 2 3
CLINTON	1749	HUNTERDON	10	40 38	74 55	300		15				2
DEEPWATER	2209	SALEM	2	39 41	75 30	12		18				2
ELIZABETH	2644	UNION	1	40 40	74 14	33	79	79				1 2 3
ELIZABETHPORT	2652	UNION	8	40 39	74 12	30		19				2 C
ESSEX FELLS SERVICE BLDG	2768	ESSEX	8	40 50	74 18	250	10	10				1 2 3 C
FLEMINGTON 1 NE	3029	HUNTERDON	10	40 31	74 51	134	61	72				1 2 3
FORTESCUE	3102	CUMBERLAND	2	39 14	75 10	5		12				2
FREEHOLD	3181	MONMOUTH	10	40 15	74 17	194	54	54				1 2 3 C
GLASSBORO	3291	GLOUCESTER	2	39 42	75 07	150						C
GREAT MEADOWS 4 N	3416	WARREN	2	40 56	74 55	540						C
GREENWOOD LAKE	3516	PASSAIC	8	41 09	74 20	660		18				2
HACKENSACK	3572	BERGEN	4	40 53	74 03	10						C
HAMMONTON 2 NNE	3662	ATLANTIC	7	39 39	74 48	85	26	52				1 2 3
HIGH POINT PARK	3935	SUSSEX	2	41 18	74 40	1570	2	2				1 2 3
HIGHTSTOWN 1 N	3951	MERCER	10	40 16	74 31	100	62	65				1 2 3
HIGHTSTOWN PUMPING STATION	3956	MERCER	10	40 17	74 32	75						C
INDIAN MILLS 2 W	4229	BURLINGTON	7	39 48	74 47	100	68	69				1 2 3
IRVINGTON	4260	ESSEX	1	40 43	74 15	120		19				2 C
JERSEY CITY	4339	HUDSON	1	40 44	74 04	135	60	60				1 2 3
LAMBERTVILLE	4635	HUNTERDON	2	40 22	74 57	75	71	71				1 2 3
LAURELTON 1 E	4700	OCEAN	1	40 04	74 07	20	54	54				1 2 3 C
LAYTON 3 NW	4735	SUSSEX	2	41 15	74 51	480	57	57				1 2 3
LEESBURG STATE FARM	4762	CUMBERLAND	6	39 14	74 58	10	8	8				1 2 3
LITTLE FALLS 1 E	4887	PASSAIC	8	40 53	74 14	157	44	55				1 2 3 C
LONG BRANCH	4987	MONMOUTH	1	40 18	73 59	34	50	50				1 2 3 C
LONG VALLEY	5003	MORRIS	10	40 48	74 46	660	28	28				1 2 3
LUMBERTON	5055	BURLINGTON	2	39 58	74 48	25						C
MACOPIN INTAKE	5071	PASSAIC	8	41 01	74 24	584		18				2
MAHWAH	5104	BERGEN	8	41 06	74 10	253		2				2
MANVILLE	5197	SOMERSET	10	40 33	74 34	50		18				2
MARLBORO SCS	5244	MONMOUTH	1	40 20	74 14	120						C
MARLTON 1 W	5252	BURLINGTON	2	39 54	74 57	90		17				2
MAYS LANDING	5346	ATLANTIC	3	39 27	74 44	50		14				2
MIDLAND PARK	5503	BERGEN	1	40 59	74 09	210		12				2
MILLVILLE	5576	CUMBERLAND	6	39 24	75 03	60	2	18				1 2 3 C
MILTON	5597	MORRIS	8	4101	74 32	950		18				2
MOORESTOWN	5728	BURLINGTON	2	39 58	74 58	55	95	95				1 2 3
MORRIS PLAINS	5769	MORRIS	8	40 50	74 30	500	13	17				1 2 3
NEWARK WB AIRPORT	6026	ESSEX	1	40 42	74 10	11	59	104				1 2 3 C
NEW BRUNSWICK EXP STATION	6062	MIDDLESEX	10	40 28	74 26	80	101	104				1 2 3 G
NEW MILFORD	6146	BERGEN	4	40 57	74 02	12		40				2 C
NEWTON	6177	SUSSEX	2	41 03	74 45	565	75	75				1 2 3 C
OAK RIDGE RESERVOIR	6460	PASSAIC	8	41 02	74 30	870		18				2
OLDWICK	6544	HUNTERDON	10	40 40	74 45	260		2				2
ORANGE	6560	ESSEX	8	40 47	74 14	140		18				2 C
PATERSON	6775	PASSAIC	8	40 55	74 09	100	88	87				1 2 3
PEMBERTON 3 E	6843	BURLINGTON	2	39 58	74 38	60	29	29				1 2 3
PHILLIPSBURG	6974	WARREN	2	40 41	75 12	182	67	75				1 2 3
PHILLIPSBURG BRIDGE	6979	WARREN	2	40 42	75 12	196		19				2
PLAINFIELD	7079	UNION	10	40 36	74 25	120	67	70				1 2 3
PLEASANT RUN	7123	HUNTERDON	10	40 34	74 48	140		2				2
PLEASANTVILLE 1 N	7131	ATLANTIC	1	39 25	74 31	8	35	60	35		JULY	1 2 3 4
PRINCETON WATER WORKS	7328	MERCER	10	40 19	74 40	90		10				2
RAHWAY	7393	UNION	9	40 36	74 15	20		19				2 C
RIDGEFIELD	7545	BERGEN	4	40 50	74 01	80	41	41				1 2 3
RINGWOOD	7587	PASSAIC	8	41 08	74 16	305		18				2
RUNYON	7825	MIDDLESEX	1	40 26	74 20	18	34	35	35		JUNE	1 2 3 4
SANDY HOOK LBSTA	7869	MONMOUTH	1	40 28	74 01	22	60	60				1 2 3
SHILOH	8051	CUMBERLAND	2	39 28	75 18	120	1	1		JUNE		1 2 3
SOMERVILLE	8194	SOMERSET	10	40 34	74 37	75	72	75				1 2 3
SPLIT ROCK POND	8402	MORRIS	8	40 58	74 28	800		18				2
SPRINGFIELD	8423	UNION	1	40 43	74 18	–						C
SUSSEX 3 N	8644	SUSSEX	5	41 14	74 35	530	60	63				1 2 3
SWEDESBORO 5 NW	8685	GLOUCESTER	2	39 47	75 24	10		12				2
TOMS RIVER	8816	OCEAN	1	39 57	74 14	10	.	37				2
TRANQUILLITY 2 W	8858	WARREN	2	40 57	74 50	551						C
TRENTON 2	8878	MERCER	2	40 14	74 46	105	28	28				1 2 3
#TRENTON WB CITY	8883	MERCER	2	40 13	74 46	56	86	86				1 2 3 C
TUCKERTON	8899	OCEAN	1	39 36	74 20	10	58	63				1 2 3
VINELAND	9135	CUMBERLAND	6	39 29	75 00	110	60	78				2
WANAQUE RAYMOND DAM	9187	PASSAIC	8	41 03	74 18	320		18				2 C
WATCHUNG	9271	UNION	8	40 40	74 25	–						C
WERTSVILLE	9363	HUNTERDON	10	40 27	74 48	160		2				2
#WESTFIELD	9455	UNION	9	40 39	74 21	138		19				2 C
WOODCLIFF LAKE	9832	BERGEN	4	41 01	74 03	103		40				2 C
†WOODSTOWN	9910	SALEM	2	39 39	75 19	50	10	20				1 2 3

‡ 1-COASTAL; 2-DELAWARE; 3-GREAT EGG HARBOR; 4-HACKENSACK; 5-HUDSON; 6-MAURICE; 7-MULLICA; 8-PASSAIC; 9-RAHWAY; 10-RARITAN; 11-ROCKAWAY

REFERENCE NOTES

Additional information regarding the climate of New Jersey may be obtained by writing to the State Climatologist at the Weather Bureau Office, % General Delivery, Trenton, New Jersey, or to any Weather Bureau Office near you.

Unless otherwise indicated, dimensional units used in this bulletin are: Temperature in °F; precipitation and evaporation in inches, and wind movement in miles.

Evaporation is measured in the standard Weather Bureau type pan of 4 foot diameter unless otherwise shown by footnote following the "Evaporation and Wind" Table.

Climatological divisions, outlined on the maps in this bulletin became effective with data for September 1956.

Long-term means for full-time stations (those shown in the Station Index as "U. S. Weather Bureau") are based on the period 1921-1950, adjusted to represent observations taken at the present location. Long-term means for all stations except full-time Weather Bureau stations are based on the period 1931-1955.

Figures and letters following the station name, such as 12 SSW, indicate distance in miles and direction from the post office.

Delayed data and corrections will be carried in the June and December issues of Climatological Data.

\- No record.
\+ Also later data (dates) or months.
* Amount included in following measurement.
\# Thermometers are generally exposed in a shelter located a few feet above sod covered ground; however the reference indicates that the thermometers are exposed in a shelter located on the roof of a building.
B Adjusted to a full month.
C Data for recorder stations denoted by "C" in the Refer to Tables column of the Station Index are proceeded for special purposes and published in "Hourly Precipitation Data". Length of record for recorder - only stations may be found in the annual issue of "Hourly Precipitation Data".
E Amount is wholly or partially estimated.
G In the "Refer to Tables" column of the Station Index the letter "G" indicates that soil temperatures are published.
M One or more days record missing; if average value is entered, less than 10 days record in missing. See monthly Climatological Data for detailed daily record.
T Trace, an amount too small to measure.
V Includes total for previous month. V in annual column means total is for a two-year period.

Information concerning the history of changes in location, elevations, exposures, etc., of substations through 1955 may be found in the publication "Substation History" for this state. That publication may be obtained from the Superintendent of Documents, Government Printing Office, Washington, D. C. for 15 cents. Similar information for regular Weather Bureau stations may be found in the latest annual issue of Local Climatological Data, obtained as indicated above, price 15 cents.

Subscription Price: 20 cents per copy, monthly and annual; $2.50 per year. (Yearly subscription includes the Annual Summary.) Checks, and money orders should be made payable to the Superintendent of Documents. Remittances and correspondence regarding subscriptions should be sent to the Superintendent of Documents, Government Printing Office, Washington 25, D. C.

USCOMM-WB-Asheville, N. C. --- 3/2/59 --- 650

551.05
UNNJ
cop.1

U. S. DEPARTMENT OF COMMERCE
LEWIS L. STRAUSS, Secretary
WEATHER BUREAU
F. W. REICHELDERFER, Chief

CLIMATOLOGICAL DATA

NEW JERSEY

JANUARY 1959
Volume LXIV No. 1

THE LIBRARY OF THE
APR 1959
UNIVERSITY OF ILLINOIS

ASHEVILLE: 1959

NEW JERSEY - JANUARY 1959

TEMPERATURE AND PRECIPITATION EXTREMES

Highest Temperature: 65° on the 22nd at Little Falls 1 E

Lowest Temperature: -5° on the 19th at Layton 3 NW

Greatest Total Precipitation: 3.42 inches at Belvidere

Least Total Precipitation: 1.14 inches at Cape May 3 W

Greatest One-Day Precipitation: 1.80 inches on the 2nd at Paterson

Greatest Reported Total Snowfall: 6.0 inches at Moorestown

Greatest Reported Depth of Snow on Ground: 4 inches on the 27th at Audubon and Pemberton 3 E

PREPARATION AND PUBLICATION OF THIS BULLETIN

Much of the data presented in this publication comes from observations taken by volunteer cooperative observers. These observations are mailed after the close of the month to a Weather Records Processing Center, where they are checked for accuracy and completeness and placed on punch cards. These cards are used to prepare copy for the various tables. Printing and mailing is done at the National Weather Records Center at Asheville, North Carolina.

The various steps all take time. Records for any state can not be checked by machine until nearly all of them for that state have been received. Printing can not be done until all the tables and the text for an issue are completed and assembled.

Constant effort is made to speed up publication and still maintain high quality of the data. A realistic deadline for mailing the printed Climatological Data has been set as the 15th of the second following month (45 days after the end of the month for which data are published). If any recipient's copy is unduly delayed, the Director, National Weather Records Center, Asheville, North Carolina should be advised.

CLIMATOLOGICAL DATA

Station		Temperature													Precipitation									
											No of Days								Snow, Sleet			No of Days		
											Max		Min											
		Average Maximum	Average Minimum	Average	Departure From Long Term Means	Highest	Date	Lowest	Date	Degree Days	90° or Above	32° or Below	32° or Below	0° or Below	Total	Departure From Long Term Means	Greatest Day	Date	Total	Max Depth on Ground	Date	10 or More	50 or More	100 or More
NORTHERN																								
BELVIDERE		37.5	21.1	29.3	- .8	55	22	3	19	1097	0	8	30	0	D 3.42	- .36	1.10	22+	2.1			6	3	2
BOONTON 2 SE	AM	36.3	18.4	27.4	- 1.7	63	22	4	19	1160	0	11	30	0	2.48	- .81	1.32	2				5	1	1
CANOE BROOK	AM	37.6	17.8	27.7	- 1.4	64	22	- 1	28	1148	0	9	30	1	2.53	- 1.28	1.46	2	2.5	1	28+	4	1	1
CHARLOTTEBURG	AM	35.8	15.9	25.9	- 3.1	63	22	- 2	19	1207	0	11	31	2	2.36	- 1.43	1.10	2	3.3	1	29+	4	1	1
ELIZABETH		40.9	22.9	31.9	- 1.2	62	22	8	19	1019	0	4	26	0	2.89	- 1.26	1.50	2	2.0	1	27+	6	1	1
ESSEX FELLS SERV BLDG	AM	36.1	16.7	26.4		58	22	4	18	1191	0	9	30	0	2.61		1.30	2				5	2	1
FLEMINGTON 1 NE		39.3	18.8	29.1	- 2.8	59	22+	0	28+	1106	0	5	30	2	2.77	- .59	1.14	2	4.5	2	27	7	1	1
HIGH POINT PARK	AM	32.3	13.3	22.8		58	22	2	19+	1302	0	15	30	0	2.17		.75	2	2.0	2	17	4	2	0
JERSEY CITY		36.9	23.5	30.2	- 2.7	55	22	12	6	1070	0	8	26	0	1.82	- 1.65	.60	2				6	1	0
LAMBERTVILLE		40.0	22.0	31.0	- .8	63	22	5	28+	1046	0	5	28	0	2.06	- 1.38	1.02	2	1.5	1	28+	5	1	1
LAYTON 3 NW		36.0	17.0	26.5	- .5	62	22	- 5	19	1186	0	14	29	3	2.46	- .45	.82	2	4.6	2	20	4	2	0
LITTLE FALLS 1 E	AM	39.0	20.2	29.6	- 1.7	65	22	6	19	1093	0	8	29	0	2.63	- 1.12	1.50	2	1.5	1	29+	5	1	1
LONG VALLEY		38.1	18.9	28.5		62	22	- 3	19	1127	0	9	28	1	O 2.87	- .74	.85	1	3.0			9	1	0
MORRIS PLAINS	AM	36.5	18.3	27.4		62	22	3	19	1158	0	9	30	0	2.53		1.34	2	2.8			4	1	1
NEWARK WB AIRPORT	R	39.1	23.6	31.4	- .1	62	22	12	18	1036	0	7	25	0	2.40	- 1.20	.84	2	2.2	1	28+	5	1	0
NEWTON	AM	34.3	16.5	25.4	- 2.5	63	22	- 1	19	1220	0	13	30	1	2.67	- .43	.92	2	1.0	1	21	4	2	0
PATERSON	AM	36.5	20.5	29.5	- 2.4	62	22	10	6	1089	0	10	29	0	3.10	- .58	1.80	2	1.6	1	27	4	2	1
PHILLIPSBURG		39.5	21.5	30.5	.1	63	22	4	19	1065	0	4	28	0	1.45	- 2.42	.39	22	2.0	1	20+	5	0	0
PLAINFIELD		39.8	22.1	31.0	- 1.2	63	21	6	18	1046	0	7	28	0	2.38	- 1.30			3.0	1	27+			
RIDGEFIELD		37.9	22.5	30.2	- 1.0	59	22	12	28+	1071	0	9	27	0	2.81	- .91	1.19	1	2.1	1	28+	6	1	1
SOMERVILLE		38.6	20.9	29.8	- 1.7	62	22	2	19	1084	0	7	28	0	2.15	- 1.20	1.12	2	1.6	1	27	5	1	1
SUSSEX 3 N	//AM	34.5	15.6	25.1	- 3.1	63	22	1	29+	1231	0	14	31	0	2.60	- .90	.95	2	3.0	2	21	5	2	0
DIVISION				28.5	- 2.0										2.51	- 1.06			2.4					
SOUTHERN																								
ATLANTIC CITY WB AP		40.9	22.1	31.5	- 3.1	58	25	6	19+	1029	0	8	26	0	1.59	- 1.89	.42	2	2.7	1	28+	6	0	0
AUDUBON		41.3	22.5	31.9		63	22	8	5	1019	0	5	26	0	2.07		.42	2	4.0	4	27	6	0	0
BELLEPLAIN		43.0	21.9	32.5		60	25+	3	18	1001	0	5	26	0	0 1.60	- 2.02	.72	2				4	1	0
BURLINGTON		41.5	23.7	32.6	- 2.0	63	22+	7	19	999	0	3	26	0	3.06	- .29	.90	2		1	27	8	2	0
CLAYTON		41.6	22.0	31.8		62	21	6	6	1020	0	4	27	0	2.65		.83	2	3.0	3	27+	5	2	0
FREEHOLD		40.6	22.1	31.4	- 1.6	62	22+	9	18	1035	0	6	28	0	2.09	- 1.55	1.03	2	1.9	1	28+	5	1	1
HAMMONTON 2 NNE	AM	41.4	22.2	31.8	- 2.9	63	22	10	19+	1021	0	7	28	0	3.41	- .28	1.09	20+				7	2	2
HIGHTSTOWN 1 N		40.0	22.5	31.3	- 1.4	62	22	9	28+	1036	0	5	28	0	1.99	- 1.29	.96	2	1.8	1	28+	5	1	0
INDIAN MILLS 2 W		41.4	20.4	30.9	- 2.9	63	22	1	28+	1049	0	6	27	0	2.19	- 1.53	.74	2	4.2	2	27+	6	1	0
LAURELTON 1 E																								
LEESBURG STATE FARM		40.4	22.8	31.6		58	22	6	18	1026	0	7	27	0	1.45				1.5	2	26			0
MILLVILLE		40.9	21.7M	31.3M		63	22	8	18	1045	0	7	28	0	1.99		.82	1	2.0			6	1	0
MOORESTOWN		41.0	21.6	31.3	- 1.9	63	22+	5	28	1038	0	8	28	0	2.01	- 1.22	.76	2	6.0	3	28	6	1	0
NEW BRUNSWICK EXP STA		40.5	21.9	31.2	- 1.4	63	22	6	19+	1041	0	5	27	0	2.36	- 1.02	1.18	2	2.2	1	16	5	1	1
PEMBERTON 3 E		42.1	21.0	31.6	- 2.8	63	21	1	28	1029	0	3	26	0	2.16	- 1.16	.87	2	4.8	4	27	5	1	0
SHILOH		41.6	22.9	32.3	- 2.5	60	22	9	18	1005	0	4	27	0	1.75	- 1.92	.81	2	2.0	2	26	5	1	0
TRENTON 2		36.5M	21.5	29.0M		60	22	10	18	1115	0	10	28	0	2.39	- 1.36	.69	2	1.5	1	28+	6	1	0
TRENTON WB CITY	R	39.4	23.9	31.7	- .9	64	22+	12	6	1027	0	10	27	0	2.05	- 1.11	.61	2	2.3	1	28+	6	1	0
TUCKERTON		42.2	20.7	31.5		60	25	2	19+	1035	0	3	27	0										
WOODSTOWN		42.4	21.9	32.2		64	22	- 1	28	1012	0	3	28	1	2.19		.80	2				6	2	0
DIVISION				31.5	- 2.3										2.17	- 1.38			2.9					
COASTAL																								
ATLANTIC CITY	R	39.6	24.2	31.9	- 3.9	56	30+	12	6	1019	0	7	26	0	1.21	- 2.57	.40	2	.0	0		5	0	0
CAPE MAY 3 W		42.3M	26.9M	34.6M				15	18+	960	0	5	23	0	1.14		.38	2				6	0	0
LONG BRANCH	R	40.0	24.4	32.2	- 1.1	60	22+	11	19+	1010	0	7	24	0	2.03	- 1.90	.71	2	1.2	1	28+	6	1	0
SANDY HOOK LBSTA		43.7	22.6	33.2	- .4	58	22	9	5	977	0	1	26	0	1.99	- 1.23	1.05	2		0		5	1	1
DIVISION				33.0	- 1.8										1.59	- 2.08			.6					

SUPPLEMENTAL DATA

Station	Wind direction		Wind speed m. p. h.				Relative humidity averages - percent				Number of days with precipitation							Percent of possible sunshine	Average sky cover sunrise to sunset
	Prevailing	Percent of time from prevailing	Average	Fastest mile	Direction of fastest mile	Date of fastest mile					Trace	.01-.09	.10-.49	.50-.99	1.00-1.99	2.00 and over	Total		
ATLANTIC CITY WB AIRPORT	WNW	26	14.7	-	-	-	74	78	58	64	5	1	6	0	0	0	12	-	6.1
ATLANTIC CITY	-	-	14.9	54	NW	5	-	-	-	-	-	3	5	0	0	0	8	75	-
LONG BRANCH	NW	21	20.2	69	NW	6	-	74	63Ø	60	3	5	5	1	0	0	14	60	5.1
NEWARK WB AIRPORT	WNW	24	11.4	42++	NNW	6	68	70	57	59	7	7	4	1	0	0	19	-	6.4
TRENTON WB CITY	-	-	11.3	42	NW	5	-	-	-	-	2	6	5	1	0	0	14	58	6.2

Ø 12:00 Noon

See Reference Notes Following Station Index

DAILY PRECIPITATION

NEW JERSEY
JANUARY 1959

Station	Total	Day of month																															
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
ATLANTIC CITY WB AP	1.59	.38	.42		T										T	T	.17				.10		.06			T	.25	.21			T		
ATLANTIC CITY R	1.21	.07	.40														.15				.17		.05				.11	.26					
AUDUBON	2.07	.33	.42												T	.05	T				.32	T	.35			T	.25	.35		T	T		
BASS RIVER ST FOREST D	1.97	*	.73												.03		.18	.05			.18	.09					D.30	.41			T		
BELLEPLAIN D	1.60	.08	.72													.03	D.20				.14						.03	.40					
BELVIDERE D	3.42	1.10														.10	.30			0.01	0.15	.60	1.10				.02			.04	T	
BERLIN 1 W	-	-	-														.30					T	.70				.25	.20			.15	T	
BLACKWELLS MILLS	2.34		1.23												T	.07	.05	.14			.03	.39	.23	.02			.12			.04	.02	
BOONTON 2 SE	2.48		1.32			T									T	.10	.02	.19			T	.37	.37				.06			.05		
BOUND BROOK 1 W	1.99		1.15														.06				.13	.39	.22				.04					
BRANCHVILLE	3.13		1.10			T				T	T			T	.03		.02	.31				.51	1.02				.07			.07		
BURLINGTON	3.06	.13	.90				T	T								.01	.18				.34	.30	.15			.46	.57			.02		
CANISTEAR RESERVOIR	2.45		.99													T	.04	.33				.43	.53				.08			.03	.02	
CANOE BROOK	2.53		1.46													.05	.01	.19				.48	.22				.09			.03		
CANTON	1.76		.76													.01		T			.19	.09	.31			T	.21	.16		.03		
CAPE MAY 3 W	1.14	.03	.38													.02	.12				.11		.18				*	.30					
CEDAR GROVE	2.90		1.64													*	*	.12				.65	.35					.10			.04		
CHARLOTTEBURG	2.36		1.10			T	T							T		.05		.26				.43	.40					.09			.03		
CHATHAM	2.36		1.40													T	.02					.44	.34	T				.09			.07		
CLAYTON	2.65	.25	.83													.01	.04				.50	.04	.49				.39	.09			.01		
CLINTON	2.26	.04	.92													.08	.16	.05			.40	.18	.26					.10			.07		
DEEPWATER	1.44	.65	.09														.07				.20		.37			.05	T	.01					
ELIZABETH	2.89	.03	1.50		.01									T		.06	.23	T		T	.48	.09	.17				T	.11			.21		
ELIZABETHPORT	2.27	.46	.68		T									T	.04	.02	.23				.42	.07	.22				.01	.09		T	.03		
ESSEX FELLS SERV BLDG	2.61		1.30													*	*	.32				.52	.35					.12			T	T	
FLEMINGTON 1 NE	2.77	.15	1.14		T		T							T		.08	.17	.23		T	.45	.09	.34				T	.12			T		
FORTESCUE	1.80		.94													.05	.17				.08	.10	.08					.15	.15		.08		
FREEHOLD	2.09	.01	1.03													.03	.20				.38		.13				.09	.22					
GREENWOOD LAKE	2.43		1.09				T							T		.02	T	.33				.48	.36					.10	T		.03	.02	
MAMMONTON 2 NNE	3.41		1.09													.02		.07			1.09	.21	.28				.19	.22	.21		.03		
HIGH POINT PARK	2.17		.75														.06	.23				.37	.67					.09					
HIGHTSTOWN 1 N	1.99	.01	.96		T									T		.04	.14	.02		T	.37	.01	.23				.03	.17			.01		
INDIAN MILLS 2 W	2.19	.05	.74													.02	.21				.24	T	.27				.23	.43			T		
IRVINGTON	2.37	.49	.80		T									.01	.01	.03	.23				.47	.09	.14				.01	.06			.03		
JERSEY CITY	1.82	.11	.60												.04	.04	.30				.30	.14	.09				T	.20			T		
LAMBERTVILLE	2.06	.04	1.02													.05	.16			T	.41	.03	.18				.01	.13			.03		
LAURELTON 1 E		RECORD MISSING																															
LAYTON 3 NW	2.46	.07	.82		T									T		.02	.33			T	.33	.75	T				.08			.06		
LEESBURG STATE FARM	1.45	*	.55														.22				.16		.09				.14	.27	.02				
LITTLE FALLS 1 E	2.63		1.50											T		.07	.10	.23				.34	.28					.08			.03		
LONG BRANCH R	2.03	.34	.71											T	.01	.03	.11	T			.41	T	.07				.10	.22			.01		
LONG VALLEY D	2.87	.85	.30													.15	.20				.35	.40	.38					0.10			.14		
MACOPIN INTAKE	2.46		1.18													.05	.04	.24				.44	.40					.08			.03		
MAHWAH	2.99		1.09											T	T	.01	.08	.33				.45	.83					.07			.13	T	
MANVILLE	-	.74	.46														-	-			.40	-					.02			.25		
MARLTON 1 W	2.18	.10	.70													.05	.16	.01			.28	.43					.22	.20			.03		
MAYS LANDING	2.24	.20	.86														.08				.15		.05				.40	.50					
MIDLAND PARK	2.10	.04	.88												.02	.03	.33				.38	.20	.12				T	.05			.05		
MILLVILLE	1.99	.82	.32												.01		.26				.13		.07				.20	.18					
MILTON	2.61		1.12													.04	.24	.13				.43	.47					.11			.04	.03	
MOORESTOWN	2.01		.76													.05	T	.08			.07	.19	.29				.20	.25	.10		.02		
MORRIS PLAINS	2.53		1.34			T				T	T	T	T	T	T	.02	.08	.20	T		T	.42	.35	T				.07			.05		
NEWARK WB AIRPORT R	2.40	.49	.84		T					T	T			T	.04	.01	.24	.01		T	.44	.09	.09			T	.03	.10		T	.02		
NEW BRUNSWICK EXP STA	2.36	.02	1.18											T		.09	.16	.05			.40	.06	.25			T	T	.10			.05		
NEW MILFORD	2.34	.44	1.06													.04	.26				.28	.12	.10					.04					
NEWTON	2.67		.92			T									T	.02	.01	.28			T	.45	.90					.05			.02	.02	
OAK RIDGE RESERVOIR	2.48		1.09												.02		.03	.39				.43	.44					.06			.02		
OLDWICK	2.43		1.20													.05	.05	.15				.52	.31					.09			.06		
ORANGE	2.46		1.43													.04	.20	.09			.08	.30	.21					.08			.03		
PATERSON	3.10		1.80			.01									T	.08	.04	.03				.65	.29					.08	T		.12		
PEMBERTON 3 E	2.16	.04	.87														.02				.31		.20				.29	.41			.02		
PHILLIPSBURG	2.45		.15													.06	.10	T			.29	.38	.39					.08			T	T	
PHILLIPSBURG BRIDGE	2.57		1.05													.06	.12	.03				.66	.55				.04				.06		
PLAINFIELD	2.38	*	1.27		T									T		.05	.23			T	.46	.25	T			T	.10	T			.02		
PLEASANT RUN	2.46		1.10												T	.08	.06	.03	T	T	T	.67	.31					.08			.13	T	
PRINCETON WATER WORKS	2.16	.42	.69											T	.03	.01	.15				.41	.05	.24			T	.03	T		.08	.05		
RAMWAY	2.29	.49	.72											T	.04	.03	.21	T			.37	.08	.24			T	T	.08		T	.03		
RIDGEFIELD	2.81	1.19	.38		T									T		.06	.40				.03	.40	.17			T	.03	.11			.04		
RINGWOOD	2.19		.92													.03	.22	.13	T		.03	.43	.30					.09			.04	T	
SANDY HOOK LBSTA	1.99		1.05	.05										T		.09	.13	.06			.02	.27	.13					.10		.05	.03	.01	
SHILOH	1.75	.09	.81														.17	T			.17		.26				.24	T		.01			
SOMERVILLE	2.15		1.12													.07	.16	T			.46	.10	.15					.06			.03		
SPLIT ROCK POND	2.01		.90													.05	.07	.15				.37	.36					.08			.03		
SUSSEX 3N //	2.60		.95			T	T									.01	T	.31	T		T	.39	.81					.10			.03	T	
SWEDESBORO 5 NW	1.86	T	.87													T	.01	T			.29	.08	.35				.09	.12			.05		
TOMS RIVER	2.57	.02	1.75																		.44	.07					.17	.04		.08			
TRENTON 2	2.39	.42	.69											T	.04	.05	.19			T	.39	.04	.32			.04	.08	.12		T	.01		
TRENTON WB CITY R	2.05	.41	.61		T									T	.04	.02	.13				.34	.01	.25			.02	.13	.07			.02		
TUCKERTON	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
VINELAND	2.37		1.25											T	.22	.09					.04	.06	.26				.15	.15	.15		T		
WANAQUE RAYMOND DAM	2.36		1.10											T	.02		.04	.27				.39	.43					.07			.04		
WERTSVILLE	2.00		1.08				T									.06	.02	.16			T	.43	.23	T			.01	.01					
WESTFIELD	-	.50	.76												.07	.03	.28				.45	.03	.20					.10			-		
WOODCLIFF LAKE	2.52	.37	.88													.04	.39				.42	.19	.10					.08			.05		
WOODSTOWN	2.19	.04	.80													T	.10					.27	.51				.18	.26			.03		

See Reference Notes Following Station Index

DAILY TEMPERATURES

NEW JERSEY
JANUARY 1959

Station		Day Of Month															Average
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	
ATLANTIC CITY WB AP	MAX	50	52	46	54	25	25	34	34	32	32	38	38	43	40	55	40.9
	MIN	20	33	27	25	12	12	18	20	17	18	23	20	28	20	34	22.1
ATLAMTIC CITY	MAX	46	48	47	50	25	23	33	34	32	31	38	38	42	36	45	39.6
	MIN	25	32	29	25	13	12	19	21	18	19	24	21	29	21	34	24.2
AUDUBON	MAX	47	52	47	47	25	25	36	35	33	33	38	42	43	41	53	41.3
	MIN	22	35	28	24	8	10	17	21	18	17	24	27	27	23	33	22.5
BELLEPLAIN	MAX	43	53	45	45	47	25	33	32	34	32	37	40	44	43	60	43.0
	MIN	18	40	23	17	12	11	19	17	17	19	23	20	29	15	29	21.9
BELVIDERE	MAX	33	45	43	40	38	20	31	32	32	32	34	40	42	41	42	37.5
	MIN	18	31	26	23	12	10	14	21	18	17	24	26	29	28	29	21.1
BOONTON 2 SE	MAX	37	42	47	45	40	18	20	30	32	30	27	34	40	39	39	36.3
	MIN	15	21	27	23	14	12	15	15	19	17	18	24	28	27	27	18.4
BURLINGTON	MAX	43	51	46	46	34	26	34	35	33	32	39	42	42	41	48	41.5
	MIN	23	39	28	29	14	12	19	20	20	21	21	23	30	26	32	23.7
CANOE BROOK	MAX	36	45	48	47	41	18	21	32	33	30	27	35	40	40	40	37.6
	MIN	13	22	21	20	15	12	16	18	19	12	22	19	28	27	24	17.8
CAPE MAY 3 W	MAX	45	51	42	50	44		32	32	32	31	34	34	38	37	54	42.3
	MIN	24	39	35	30			23	26	23	23	27	28	31	26	32	26.9
CHARLOTTEBURG	MAX	35	40	46	45	40	19	19	28	28	28	24	30	35	38	37	35.8
	MIN	13	29	31	20	11	9	10	11	16	14	14	21	25	24	24	15.9
CLAYTON	MAX	43	52	45	49	42	25	34	35	33	29	37	39	43	39	53	41.6
	MIN	20	39	28	27	12	6	17	20	14	14	22	22	26	19	31	22.0
ELIZABETH	MAX	41	52	49	42	40	25	36	37	32	30	38	42	42	42	44	40.9
	MIN	19	37	25	25	15	13	16	19	18	17	22	22	32	29	28	22.9
ESSEX FELLS SERV BLDG	MAX	35	46	47	40	38	20	24	30	28	25	28	35	40	38	42	36.1
	MIN	28	29	20	24	8	7	10	8	12	17	12	18	18	22	25	16.7
FLEMINGTON 1 NE	MAX	34	47	44	43	35	22	33	35	33	30	37	42	41	43	44	39.3
	MIN	14	32	22	20	10	7	15	16	18	17	23	25	24	26	25	18.8
FREEHOLD	MAX	42	50	45	48	36	23	33	35	32	30	38	42	41	41	45	40.6
	MIN	19	36	26	32	14	10	16	17	15	16	22	21	30	22	30	22.1
HAMMONTON 2 NNE	MAX	38	54	48	48	51	31	24	33	34	32	35	39	42	41	43	41.4
	MIN	22	38	28	29	18	10	14	18	17	18	21	21	24	23	23	22.2
HIGH POINT PARK	MAX	31	36	41	43	36	11	14	23	24	24	24	26	31	30	34	32.3
	MIN	14	20	27	28	4	7	5	5	6	8	10	16	24	20	21	13.3
HIGHTSTOWN 1 N	MAX	42	49	43	43	35	24	33	35	33	30	39	41	41	41	44	40.0
	MIN	20	37	26	28	16	11	16	17	16	18	24	22	31	22	31	22.5
INDIAN MILLS 2 W	MAX	42	52	45	50	33	24	34	35	32	31	39	40	43	41	54	41.4
	MIN	15	37	23	24	14	11	17	19	18	20	23	17	28	15	31	20.4
JERSEY CITY	MAX	39	49	46	40	33	20	32	33	30	26	34	37	38	38	41	36.9
	MIN	21	35	32	26	13	12	14	20	20	23	25	22	32	28	32	23.5
LAMBERTVILLE	MAX	36	47	47	44	35	25	34	34	32	30	38	42	41	43	45	40.0
	MIN	18	34	23	26	17	12	18	19	20	17	25	25	26	28	30	22.0
LAURELTOM 1 E	MAX																
	MIN																
LAYTOM 3 NW	MAX	27	43	47	42	31	19	30	30	27	27	31	37	37	40	40	36.0
	MIN	11	23	32	18	10	10	10	17	17	13	20	20	27	22	27	17.0
LEESBURG STATE FARM	MAX	40	45	44	45	43	24	30	34	32	30	34	43	42	40	52	40.4
	MIN	21	32	25	25	18	12	19	18	19	20	23	24	28	17	30	22.8
LITTLE FALLS 1 E	MAX	39	43	51	49	42	24	23	34	35	32	30	36	41	40	42	39.0
	MIN	16	25	27	25	15	11	15	18	20	18	20	24	30	28	30	20.2
LONG BRANCH	MAX	48	51	45	52	28	23	34	35	31	29	36	43	40	40	48	40.0
	MIN	29	34	28	28	15	11	17	19	20	20	25	24	33	28	35	24.4
LONG VALLEY	MAX	36	47	45	41	33	21	31	32	30	28	36	40	38	40	41	38.1
	MIN	12	29	22	20	13	9	12	16	14	15	21	24	26	23	24	18.9
MILLVILLE	MAX	38	53	48	46	53	22	26	35	34	34	32	38	41	44	41	40.9
	MIN	21		27	26	12	11		21	19	21	25	23	26	19	20	21.7
MOORESTOWN	MAX	49	50	47	47	25	25	34	34	32	32	39	41	43	41	54	41.0
	MIN	21	33	28	24	12	11	18	19	19	20	26	21	27	22	32	21.6
MORRIS PLAINS	MAX	37	41	48	46	40	18	20	31	33	29	26	35	42	39	41	40.1
	MIN	14	25	24	23	10	11	14	15	18	16	20	24	27	25	26	18.3
NEWARK WB AIRPORT	MAX	42	50	47	43	25	23	34	35	31	29	36	42	40	41	44	39.1
	MIN	23	35	31	25	14	14	17	21	21	18	23	26	33	29	34	23.6
NEW BRUNSWICK EXP STA	MAX	46	47	44	42	40	23	34	34	32	30	37	41	40	40	43	40.5
	MIN	20	35	25	27	14	11	15	16	16	16	22	22	31	24	30	21.9
NEWTON	MAX	31	39	45	45	39	15	18	29	28	27	25	32	37	36	37	34.3
	MIN	12	20	31	22	12	12	12	14	18	15	11	23	27	24	26	16.5
PATERSON	MAX	38	44	51	48	41	20	22	31	30	31	29	35	40	40	39	38.5
	MIN	20	25	30	28	14	10	14	15	19	16	22	23	27	27	27	20.5
PEMBERTON 3 E	MAX	44	53	46	50	38	25	34	37	34	33	41	43	44	40	52	42.1
	MIN	18	37	24	25	17	10	17	17	16	16	24	20	28	19	30	21.0
PHILLIPSBURG	MAX	36	47	46	47	41	23	33	33	32	33	37	40	41	41	42	39.5
	MIN	19	31	23	24	14	10	16	18	20	19	17	28	28	29	30	21.5
PLAINFIELD	MAX	37	50	47	42	30	24	35	36	32	34	37	44	42	43	48	39.8
	MIN	19	40	24	25	16	12	15	18	18	18	17	25	31	26	28	22.1
RIDGEFIELD	MAX	41	48	46	40	24	22	33	34	32	27	35	40	38	39	42	37.9
	MIN	20	33	28	29	12	12	16	19	20	18	23	24	31	27	32	22.5
SANDY HOOK LBSTA	MAX	55	55	47	46	46	43	38	36	36	34	36	39	39	41	48	43.7
	MIN	36	26	29	31	9	12	16	16	19	18	17	24	25	26	39	22.6

Station		Day Of Month															Average
		16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
ATLANTIC CITY WB AP	MAX	47	25	24	36	43	57	57	32	41	58	44	32	34	43	57	41	40.9
	MIN	20	12	6	6	32	42	26	17	13	41	25	23	14	18	39	23	22.1
ATLAMTIC CITY	MAX	44	24	24	35	44	52	52	32	39	56	42	38	36	45	56	41	39.6
	MIN	19	14	13	17	34	42	26	22	22	38	26	26	19	26	38	26	24.2
AUDUBON	MAX	53	25	24	37	40	62	63	32	38	57	44	34	36	39	57	41	41.3
	MIN	22	11	12	10	29	36	27	22	20	35	23	23	11	19	36	27	22.5
BELLEPLAIN	MAX	59	32	28	37	42	60	60	39	38	60	58	33	35	43	52	45	43.0
	MIN	32	12	3	4	28	37	38	21	12	35	25	26	13	17	37	29	21.9
BELVIDERE	MAX	42	30	23	33	35	47	55	33	42	46	29	33	36	36	53	44	37.5
	MIN	29	12	4	3	28	34	32	17	20	28	20	20	7	15	32	27	21.1
BOONTON 2 SE	MAX	40	40	23	22	35	35	63	47	29	40	47	30	32	38	39	45	36.3
	MIN	32	8	8	4	5	30	34	19	17	17	20	19	6	7	19	24	18.4
BURLINGTON	MAX	52	33	23	37	38	63	63	34	36	55	49	34	35	38	57	47	41.5
	MIN	32	13	13	7	31	35	33	23	22	33	23	24	9	17	35	28	23.7
CANOE BROOK	MAX	43	45	23	22	36	35	64	46	29	41	49	30	33	39	43	54	37.6
	MIN	25	13	8	1	7	32	34	20	12	18	20	20	- 1	3	24	29	17.8
CAPE MAY 3 W	MAX	43	33	26	38	41		53		45	52	47		38	44	50	47	42.3
	MIN	22	15	15	18	34			27	24	36	29		19	20	39	34	26.9
CHARLOTTEBURG	MAX	42	41	22	20	35	33	63	48	37	43	46	28	30	38	40	53	35.8
	MIN	31	9	2	- 2	0	27	32	15	11	14	16	16	2	2	20	25	15.9
CLAYTON	MAX	51	32	24	36	41	62	61	33	35	56	53	33	34	39	54	47	41.6
	MIN	24	11	8	9	28	36	33	21	22	32	25	22	10	19	37	29	22.0
ELIZABETH	MAX	48	34	25	37	37	49	62	36	35	54	48	34	39	38	56	45	40.9
	MIN	33	14	10	8	32	35	34	20	18	29	23	25	11	16	35	29	22.9
ESSEX FELLS SERV BLDG	MAX	40	43	30	23	35	39	58	46	33	39	43	28	33	34	46	42	36.1
	MIN	26	14	4	6	10	31	34	20	14	15	18	20	6	8	14	20	16.7
FLEMINGTON 1 NE	MAX	45	30	23	34	34	59	59	30	35	53	45	33	39	39	56	40	39.3
	MIN	30	10	4	0	28	34	29	18	11	27	23	16	0	10	32	18	18.8
FREEHOLD	MAX	51	30	24	36	37	62	62	33	33	56	47	31	36	38	56	47	40.6
	MIN	30	11	9	10	31	36	32	19	17	32	21	23	10	17	35	27	22.1
HAMMONTON 2 NNE	MAX	43	46	31	26	38	54	63	49	33	47	58	29	31	38	47	56	41.4
	MIN	32	11	10	10	21	37	46	22	18	25	25	23	12	14	28	31	22.2
HIGH POINT PARK	MAX	42	34	26	20	27	42	58	46	23	39	40	26	34	35	36	46	32.3
	MIN	32	6	2	2	10	26	37	9	3	13	3	3	5	4	22	19	13.3
HIGHTSTOWN 1 N	MAX	49	31	22	36	35	60	62	33	33	53	47	32	36	36	55	48	40.0
	MIN	31	12	9	9	30	31	33	21	19	30	24	23	9	17	35	28	22.5
INDIAN MILLS 2 W	MAX	53	33	24	38	39	62	63	32	37	57	48	31	35	37	56	43	41.4
	MIN	30	11	1	2	27	35	30	20	12	33	23	23	1	10	35	26	20.4
JERSEY CITY	MAX	43	28	23	34	36	49	55	30	33	49	33	31	35	38	54	37	36.9
	MIN	28	15	13	14	31	34	30	19	20	28	21	24	16	24	37	20	23.5
LAMBERTVILLE	MAX	50	33	23	35	35	56	63	32	35	53	46	33	37	37	55	43	40.0
	MIN	30	12	6	5	31	34	32	21	15	31	25	22	5	14	34	27	22.0
LAURELTOM 1 E	MAX																	
	MIN																	
LAYTOM 3 NW	MAX	40	30	30	30	32	43	62	30	30	56	35	40	35	40	40	35	36.0
	MIN	28	12	- 2	- 5	28	33	30	15	3	21	17	13	- 3	5	33	22	17.0
LEESBURG STATE FARM	MAX	51	32	25	34	40	49	58	38	36	54	54	32	34	42	56	39	40.4
	MIN	32	13	6	7	28	36	37	22	14	34	25	24	13	17	37	30	22.8
LITTLE FALLS 1 E	MAX	44	46	26	25	37	36	65	46	30	46	50	30	35	40	44	47	39.0
	MIN	34	13	8	6	12	32	35	20	17	20	20	19	7	14	20	26	20.2
LONG BRANCH	MAX	46	24	24	36	40	60	60	30	40	55	35	34	36	41	57	38	40.0
	MIN	22	14	11	11	34	41	26	22	20	35	25	25	20	21	41	22	24.4
LONG VALLEY	MAX	44	33	21	31	36	51	62	40	30	46	40	32	36	42	51	46	38.1
	MIN	26	11	5	- 3	27	33	38	16	12	25	20	18	1	18	34	24	18.9
MILLVILLE	MAX	49	48	28	26	38	51	63	46	35	41	59	29	32	36	46	57	40.9
	MIN	39	13	8	9	15	35		24	22	25	27	24	16	17	30	32	21.7
MOORESTOWN	MAX	53	26	25	36	38	63	63	30	37	55	49	32	37	40	56	39	41.0
	MIN	26	12	11	10	31	36	25	17	17	31	25	16	5	20	34	20	21.6
MORRIS PLAINS	MAX	40	41	24	22	34	33	62	44	28	41	48	27	33	38	39	52	36.5
	MIN	32	12	6	3	5	29	33	18	16	19	20	18	5	10	22	27	18.3
NEWARK WB AIRPORT	MAX	45	25	24	38	37	58	62	31	36	52	34	34	40	39	56	38	39.1
	MIN	22	14	12	13	33	35	26	21	20	32	21	24	18	21	37	20	23.6
NEW BRUNSWICK EXP STA	MAX	50	32	23	36	36	57	63	35	33	53	50	34	36	37	56	51	40.5
	MIN	32	11	6	6	30	33	34	19	18	30	21	23	10	18	34	29	21.9
NEWTON	MAX	39	38	21	20	32	34	63	42	27	38	45	23	33	34	40	50	34.3
	MIN	19	11	3	- 1	2	26	33	16	10	15	16	16	1	4	23	26	16.5
PATERSON	MAX	45	45	27	25	37	38	62	48	30	47	50	29	34	40	44	55	38.5
	MIN	34	12	11	12	13	31	35	19	17	20	18	18	14	15	23	28	20.5
PEMBERTON 3 E	MAX	52	33	24	38	39	63	58	36	37	56	50	31	35	37	55	48	42.1
	MIN	30	12	2	4	29	36	36	21	14	33	22	23	1	11	35	25	21.0
PHILLIPSBURG	MAX	41	32	22	34	35	48	63	37	35	47	46	33	37	37	53	51	39.5
	MIN	31	12	8	4	28	33	35	18	17	27	22	21	6	15	33	29	21.5
PLAINFIELD	MAX	51	28	25	36	37	63	59	32	34	53	30	34	38	39	55	39	39.8
	MIN	28	13	6	7	31	34	32	20	17	30	24	23	9	16	34	30	22.1
RIDGEFIELD	MAX	46	26	26	37	35	58	59	31	34	49	32	32	37	38*	55	38	37.9
	MIN	16	15	15	12	33	33	24	20	19	31	20	24	12	21	36	21	22.5
SANDY HOOK LBSTA	MAX	45	42	40	36	41	53	58	41	30	52	52	41	49	39	48	50	43.7
	MIN	35	13	13	13	17	18	37	20	19	22	28	22	19	19	33	30	22.6

See Reference Notes Following Station Index

DAILY TEMPERATURES

Station		Day Of Month																														Average
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
SHILOH	MAX	43	52	47	51	38	25	34	35	33	31	38	40	44	40	56	50	34	24	37	40	50	60	34	38	57	51	32	36	39	55	47	41.6
	MIN	23	38	29	27	15	10	18	18	18	20	23	21	27	23	29	31	11	9	11	28	34	33	23	18	32	23	24	11	18	35	30	22.9
SOMERVILLE	MAX	40	47	45	42	35	22	34	34	32	29	35	40	40	39	43	46	31	22	35	35	50	62	31	32	52	45	33	36	36	54	41	38.6
	MIN	16	33	22	21	15	11	16	17	19	18	23	25	30	22	29	29	13	3	2	31	34	31	20	14	28	23	23	7	12	34	28	20.9
SUSSEX 3 N	MAX	30	38	45	46	38	14	19	28	29	29	26	31	36	36	38	39	39	23	21	32	33	63	46	26	34	47	23	32	35	40	52	34.5
	MIN	13	16	32	26	12	9	10	8	16	14	15	19	26	26	26	32	10	4	1	3	26	32	16	8	10	15	12	1	1	20	26	15.6
TRENTON 2	MAX						22	29	31	30	28	35	38	39	38	43	47	23	21	33	35	58	60	28	33	53	34	30	34	37	54	37	36.5
	MIN	21	32	27	23	12	10	15	17	17	17	23	24	29	26	30	18	10	9	12	31	34	24	20	19	33	23	22	13	20	34	20	21.5
TRENTON WB CITY	MAX	46	51	45	43	23	24	32	34	32	30	37	40	41	42	51	51	22	22	35	37	64	64	30	37	55	31	32	34	40	57	38	39.4
	MIN	26	37	31	23	13	12	18	21	20	20	26	27	32	29	31	17	13	13	14	33	37	27	23	22	31	23	23	19	24	35	21	23.9
TUCKERTON	MAX	43	50	48	52	40	26	34	34	34	32	40	43	45	40	47	45	33	27	38	40	50	55	35	40	60	52	36	36	45	57	50	42.2
	MIN	17	38	30	22	10	12	17	18	12	18	20	17	29	18	27	30	11	2	2	29	36	34	18	9	32	21	25	11	15	36	26	20.7
WOODSTOWN	MAX	42	53	47	49	41	26	35	35	34	32	39	40	45	40	53	52	34	24	38	43	60	64	35	38	57	51	33	35	38	56	46	42.4
	MIN	20	38	25	25	16	11	19	20	18	20	25	23	25	19	27	32	12	9	9	25	32	35	23	17	32	23	23	- 1	12	35	29	21.9

DAILY SOIL TEMPERATURES

Station And Depth		Day of month																														Average
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
NEW BRUNSWICK EXP STATION																																
MEASURED UNDER SOD																																
1 INCH	MAX	32	34	35	32	32	31	32	32	31	31	33	34	34	35	34	36	33	33	32	33	36	35	32	32	33	32	32	32	33	33	34	33.0
	MIN	31	32	31	31	31	30	28	29	28	28	28	29	31	30	31	32	31	28	28	32	31	31	31	30	31	31	31	30	31	32	32	30.2
2 INCHES	MAX	32	33	34	33	33	32	31	31	31	31	32	32	32	32	32	34	33	33	32	32	32	33	32	31	32	32	32	32	33	32	32	32.2
	MIN	32	32	32	32	32	30	29	30	29	29	29	30	31	31	31	32	31	30	29	32	31	31	31	31	31	31	31	32	31	30	31	30.8
4 INCHES	MAX	32	33	33	33	33	32	31	31	31	30	32	32	32	32	32	34	33	33	32	32	32	33	32	31	32	32	32	32	33	33	32	32.2
	MIN	32	32	32	32	32	30	29	30	30	29	29	30	31	31	31	32	31	32	30	32	31	31	31	31	31	31	31	32	31	32	32	31.0
8 INCHES	MAX	33	33	33	34	34	33	34	33	32	32	33	33	33	33	33	35	34	35	33	34	33	33	32	32	32	33	33	33	33	33	33	33.2
	MIN	33	33	33	33	33	32	33	32	32	32	31	32	32	33	32	34	33	33	32	33	32	32	31	32	31	32	32	32	32	32	33	32.3
16 INCHES	MAX	35	35	35	36	35	35	35	35	35	35	35	35	35	35	35	36	35	36	35	35	35	34	34	33	34	34	34	34	35	35	34	34.8
	MIN	35	35	35	35	35	35	34	34	34	34	34	34	34	34	34	35	34	35	35	35	34	33	33	33	33	33	34	34	34	34	34	34.2
32 INCHES	MAX	38	38	37	38	38	38	38	38	37	37	38	38	37	37	37	40	38	39	38	37	37	36	36	36	36	37	36	36	37	36	36	37.2
	MIN	38	37	37	37	37	37	37	37	36	36	37	37	37	37	36	38	36	37	37	36	36	36	35	35	35	35	36	35	35	35	35	36.3

Measured under Kentucky Bluegrass. Instrumentation: Copper-constantan Thermocouples connected to a Brown Electronik Potentiometer.

See Reference Notes Following Station Index

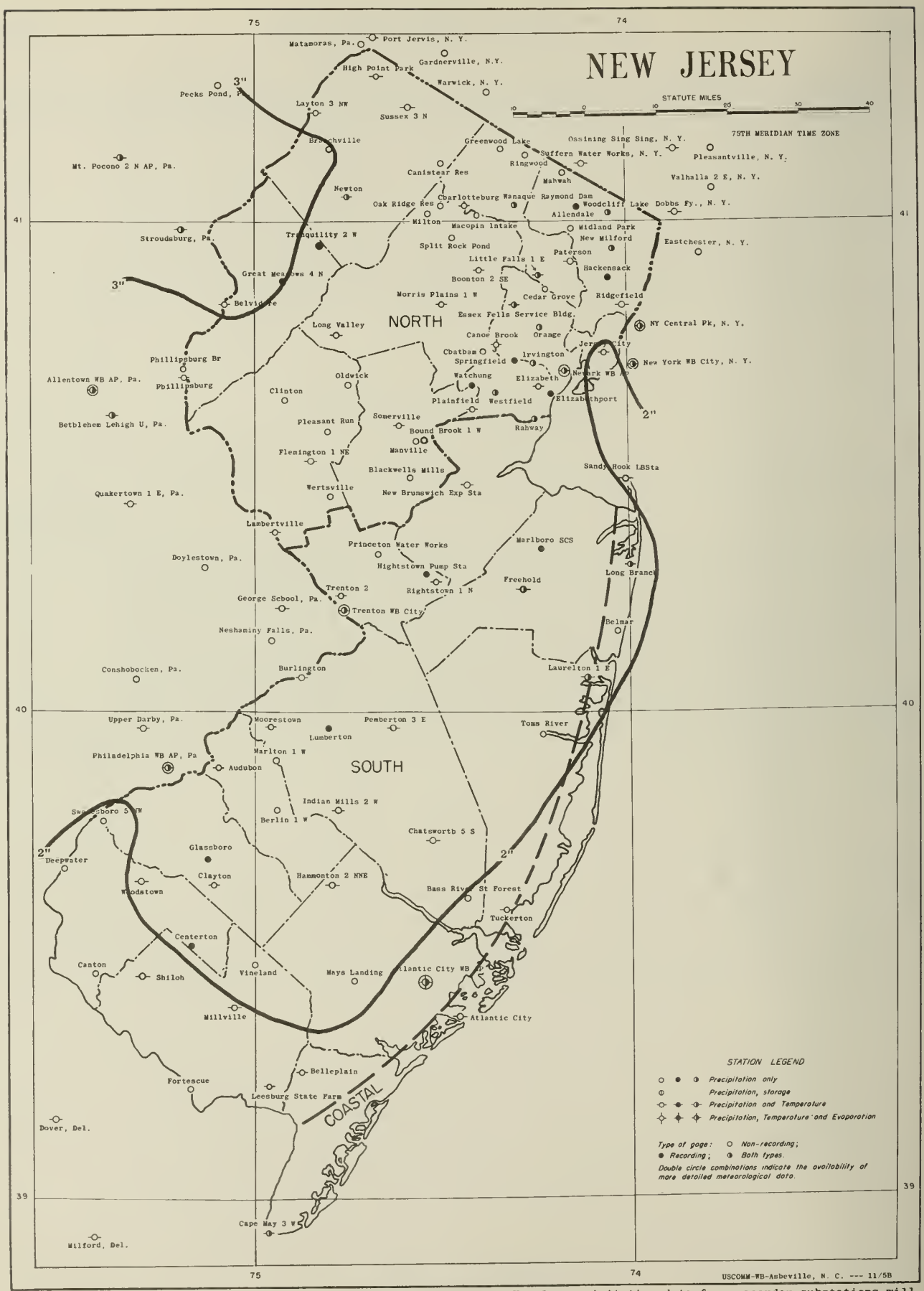
SNOWFALL AND SNOW ON GROUND

Station		Day of month																													
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
ATLANTIC CITY WB AIRPORT	SNOWFALL																.2										2.5	T				
	SN ON GND																										1	1	1	T		
	WTR EQUIV																															
BASS RIVER ST FOREST	SNOWFALL																	T									3.0					
	SN ON GND																										–	–				
BELVIDERE	SNOWFALL																			.1	1.5							.5				T
	SN ON GND																				–											
CHARLOTTEBURG	SNOWFALL					T	T							T				.8				1.5						1.0				
	SN ON GND																	1	1	T	T	1						1	1	1		
CLAYTON	SNOWFALL																T										2.5	.5				
	SN ON GND																T										3	3	2	T		
FLEMINGTON 1 NE	SNOWFALL	T	T				T							T			.5	1.0		T	1.0						T	2.0				T
	SN ON GND	T															1	1	1	1	1						T	2	1	T		
FREEHOLD	SNOWFALL																.2										.5	1.2				
	SN ON GND																T											1	1			
HIGHTSTOWN 1 N	SNOWFALL													T			T	.5		T	T						.3	1.0				
	SN ON GND																T	T		T							T	1	1	T		
INDIAN MILLS 2 W	SNOWFALL																.5										2.7	1.0				
	SN ON GND																T	T	T	T							2	2	I	T		
LAMBERTVILLE	SNOWFALL	T															T			T								1.5				
	SN ON GND																T	T		T								1	1	T		
LAYTON 3 NW	SNOWFALL	.2			T									T			.6			T	1.0	1.6						1.2				
	SN ON GND																1			T	2	1						1				
LITTLE FALLS 1 E	SNOWFALL													T								.5						1.0				
	SN ON GND																					1						1	1	1		
LONG BRANCH	SNOWFALL													T				T			T						.4	.8				
	SN ON GND																	T									T	1	1	T		
MILLVILLE	SNOWFALL																T										2.0					
	SN ON GND																										–					
MOORESTOWN	SNOWFALL																	1.0									2.0	1.0	2.0			
	SN ON GND																	1	1	T	T						2	2	3	2		
MORRIS PLAINS	SNOWFALL		.2			T					T	T	T	T	T			.3	T		T	1.3						1.0				
	SN ON GND	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	
NEWARK WB AIRPORT	SNOWFALL	.1			T						T	T		T			.5	.1	T	T	.3					T	.3	.9				
	SN ON GND																	T	T	T								1	1	T		
	WTR EQUIV																															
NEW BRUNSWICK EXP STA	SNOWFALL													T			.5	T			.7						T	1.0				
	SN ON GND																1	T	T		T											
NEWTON	SNOWFALL																	T				1.0						T				
	SN ON GND																	T	T	T	T	1						T	T	T		
PATERSON	SNOWFALL		T												T			.2				.4						1.0	T			
	SN ON GND																	T				T						1	T			
PEMBERTON 3 E	SNOWFALL																.5										2.8	1.5				
	SN ON GND																1	T	T	T							3	4	3	2		
PHILLIPSBURG	SNOWFALL															T	1.0				1.0							T				T
	SN ON GND		T													T	1	1	1	T	1							T				
PLAINFIELD	SNOWFALL	T			T									T			1.0			T	1.0						1.0	T				
	SN ON GND																–				–											
RAHWAY	SNOWFALL													T			1.3	T			T						T	1.7				
	SN ON GND																1	1	T								T	2	1			
RIDGEFIELD	SNOWFALL	T			T									T			.5				.3						.3	1.0				
	SN ON GND																T	T	T	T	T						T	1	1			
SOMERVILLE	SNOWFALL																.2	.2			.2							1.0				
	SN ON GND																T				T							1				
TRENTON WB CITY	SNOWFALL													T			.3				.5						I.1	.4				
	SN ON GND																	T	T	T	T						T	1	1	T		
WANAQUE RAYMOND DAM	SNOWFALL	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
	SN ON GND	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–

See reference notes following Station Index.

TOTAL PRECIPITATION

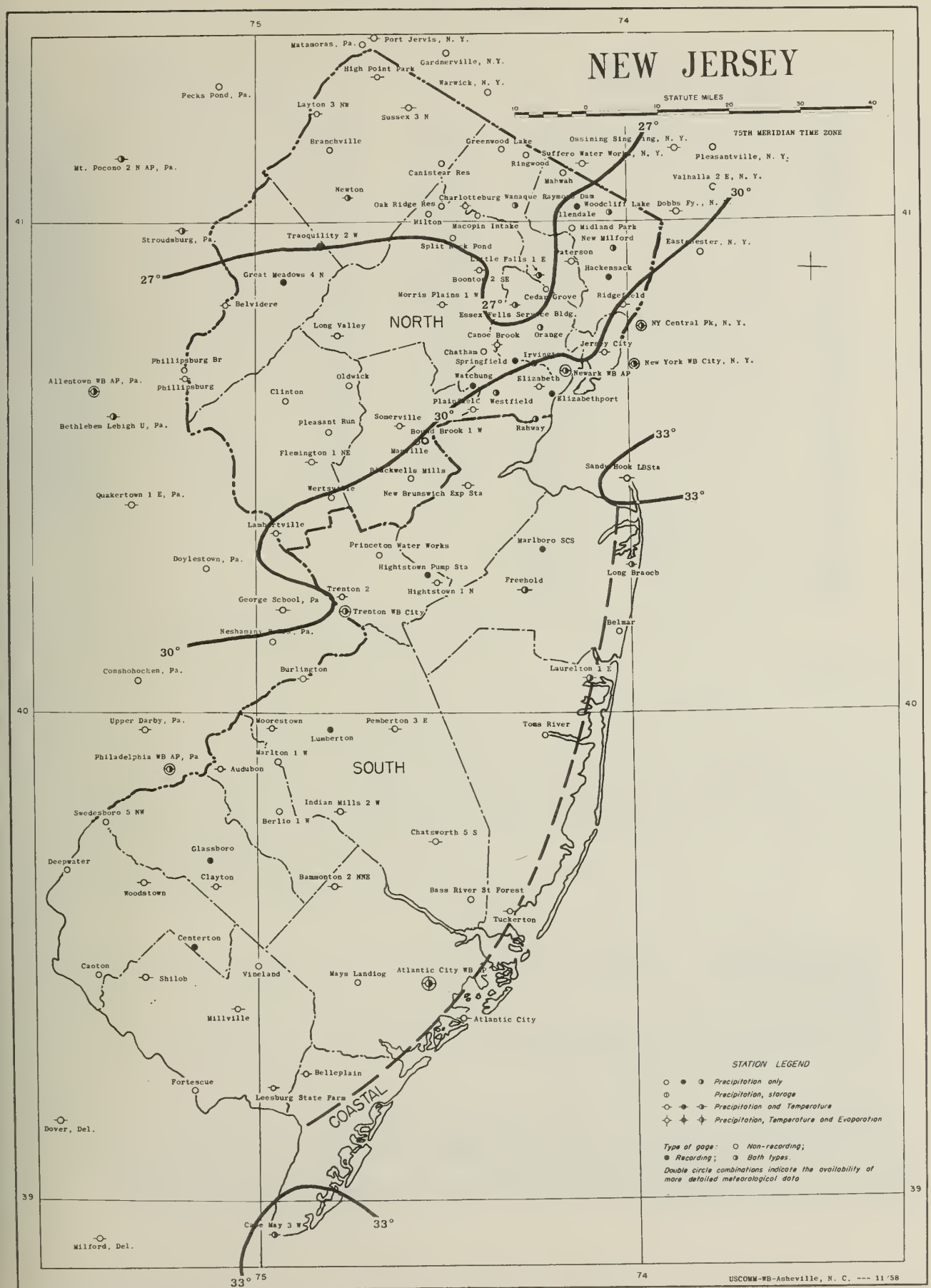
NEW JERSEY
JANUARY 1959



Isolines are drawn through points of approximately equal values. Hourly precipitation data from recorder substations will be available in the publication "Hourly Precipitation Data".

AVERAGE TEMPERATURE

NEW JERSEY
JANUARY 1959



Isolines are drawn through points of approximately equal values. Hourly precipitation data from recorder substations will be available in the publication "Hourly Precipitation Data".

STATION INDEX

STATION	INDEX NO.	COUNTY	DRAINAGE ‡	LATITUDE	LONGITUDE	ELEVATION	OBSERVATION TIME AND TABLES: TEMP.	PRECIP.	EVAP.	SPECIAL (SEE NOTES)	OBSERVER
ALLENDALE	0100	BERGEN	8	41 02	74 08	270				C	BERGEN COUNTY EMGS
ATLANTIC CITY WB AP	0311	ATLANTIC	1	39 27	74 35	58	N10	N10	7P	C HJ	U.S. WEATHER BUREAU
# ATLANTIC CITY	0325	ATLANTIC	1	39 23	74 26	10	N10	N10		H	STATE MARINA
AUDUBON	0346	CAMDEN	2	39 54	75 04	50	11P	11P			IRVIN J. HYGREM
BASS RIVER ST FOREST	0528	BURLINGTON	1	39 37	74 26	20		6P		H	M.Y. FORESTRY SVC
BELLEPLAIM	0690	CAPE MAY	1	39 16	74 52	49	5P	5P			MRS. ED C. HOFFNAN
BELMAR	0721	MONMOUTH	1	40 10	74 02	19					INACTIVE 1/58
BELVIOERE	0729	WARREN	2	40 50	75 05	275	5P	5P		H	CLENENT HAUPT
BERLIM 1 W	0787	CAMDEN	7	39 48	74 57	150		7A			SAMUEL H. MC CULLEY
BLACKWELLS MILLS	0847	SOMERSET	10	40 29	74 35	27		7A			HENRY M. MILLER
BOOMTOM 2 SE	0907	MORRIS	8	40 54	74 24	280	8A	8A			JERSEY CITY WTR WKS
BOUND BROOK 1 W	0927	SOMERSET	10	40 33	74 33	20		8A			AMERICAN CYAMAMID CO
BRANCHVILLE	0978	SUSSEX	2	41 09	74 45	570		7A			ALBERT M. DAVENPORT
BURLINGTON	1211	BURLINGTON	2	40 04	74 53	12	6P	6P			PUBLIC SVC E + G CO
CAMISTEAR RESERVOIR	1327	SUSSEX	8	41 07	74 30	1040		8A			MEWARK WATER DEPT
CAMOE BROOK	1335	ESSEX	8	40 45	74 21	180	9A	9A	9A		COMMOMWEALTH WTR CO
CAMTOM	1343	SALEM	2	39 28	75 25	20		9A			GERTRUDE S. WILLIS
CAPE MAY 3 W	1351	CAPE MAY	1	38 56	74 57	17	5P	5P		C	N.WEST NAGNESITE CO
CEDAR GROVE	1472	ESSEX	8	40 52	74 13	400		8A			J. A. PLUNKETT
CEMTERTON	1512	SALEM	6	39 31	75 10	80				C	JOHN HOPKINS UNI.
CHARLOTTEBURG	1582	PASSAIC	8	41 03	74 26	760	7A	7A		H	MEWARK WATER DEPT
CHATHAM	1590	MORRIS	8	40 44	74 23	185		8A			EDWARD P. MOLITOR
CHATSWORTH 5 S	1598	BURLINGTON	1	39 44	74 32	90	5P	5P			INACTIVE 5/58
CLAYTOM	1708	GLOUCESTER	6	39 39	75 06	120	6P	6P		H	HARRY P. CANPBELL
CLIMTON	1749	HUMTERDOM	10	40 38	74 55	300		6P			L. W. KLOCKNER
OEEPWATER	2209	SALEM	2	39 41	75 30	12		M10			DU POMT DE NENOURS
EL12ABETH	2644	UM1ON	1	40 40	74 14	33	5P	5P			UM1OM CO PARK COMM
EL12ABETHPORT	2652	UM1OM	8	40 39	74 12	30		M1D		C	SEWAGE TREATMENT PL
ESSEX FELLS SERV BLDG	2768	ESSEX	8	40 50	74 18	250	8A	8A		C	BOROUGH ESSEX FELLS
FLEMINGTOM 1 ME	3029	HUMTERDOM	10	40 31	74 51	134	5P	5P		H	DONALD YOUNG
FORTESCUE	3102	CUMBERLAND	2	39 14	75 10	5		7A			JOHN LOPER
FREEHOLD	3181	MONMOUTH	10	40 15	74 17	194	6P	6P	4	C H	FRANK J. MOREAU
GLASSBORD	3291	GLOUCESTER	2	39 42	75 07	150				C	PROF. J. B. SAMGREE
GREAT MEADOWS 4 M	3416	WARREN	2	40 56	74 55	540				C	GAMNA CHEMICAL CORP.
GREENWOOD LAKE	3516	PASSAIC	8	41 09	74 20	660		7A			GEORGE T. WIGGIMS
HACKENSACK	3572	BERGEM	4	40 53	74 03	10				C	BERGEM COUMTY ENGS
HAMMONTON 2 NME	3662	ATLANTIC	7	39 39	74 48	85	8A	8A			W. HUBBARD PARKHURST
HIGH POINT PARK	3935	SUSSEX	2	41 18	74 40	1570	8A	8A			M. J. DEPT. OF CONS.
HIGHTSTOWN 1 M	3951	MERCER	10	40 16	74 31	100	8P	8P		H	JAMES R. PICKERING
HIGHTSTOWN PUMPING STA	3956	MERCER	10	40 17	74 32	75				C	DEPT WATER + SEWAGE
1MDIAN MILLS 2 W	4229	BURLINGTON	7	39 48	74 47	100	7P	7P		H	EDWARD EMTWISTLE
IRVINGTON	4260	ESSEX	1	40 43	74 15	120		N10		C	JOIMT NEETING GARAGE
JERSEY CITY	4339	HUDSON	1	40 44	74 04	135	N1D	M10			JERSEY CITY WTR DEPT
LAMBERTVILLE	4635	HUMTERDON	2	40 22	74 57	75	6P	6P		H	E. E. CASE
LAUPELTON 1 E	4700	OCEAN	1	40 04	74 07	20	M1D	M1D		C H	GEORGE G. WADDILL
LAYTOM 3 NW	4735	SUSSEX	2	41 15	74 51	480	6P	6P		H	A. M. DEPUE
LEESBURG STATE FAPN	4762	CUMBERLAMD	6	39 14	74 58	10	4P	4P			LEESBURG STATE FARN
LITTLE FALLS 1 E	4887	PASSAIC	8	40 53	74 14	157	9A	9A		C H	PASSAIC VLY WTR COMM
LONG BRANCH	4987	MONMOUTH	1	40 18	73 59	34	N1D	M10		C HJ	WILLIAM O. MARTIN, JR.
LONG VALLEY	5003	MORRIS	10	40 48	74 46	660	6P	6P		H	ARTHUR BARKNAM
LUMBERTON	5055	BURLINGTON	2	39 58	74 48	25				C	JAMES LAWTON
MACOPIM INTAKE	5071	PASSAIC	8	41 01	74 24	584		9A			NEWARK WATER DEPT
MAHWAH	5104	BERGEN	8	41 06	74 10	253		7A			ROBERT G. GLASGOW
MANVILLE	5197	SOMERSET	10	40 33	74 34	50		M1D			JOHN L. RADCLIFFE
MARLBORO SCS	5244	MONMOUTH	1	40 20	74 14	120				C	GEROW BRILL
MARLTOM 1 W	5252	BURLINGTOM	2	39 54	74 57	90			6P		DAVID GRISCOM
MAYS LANDIMG	5346	ATLANTIC	3	39 27	74 44	50			5P	H	ELMER EARLE
MIDLAND PARK	5503	BERGEM	1	40 59	74 09	210			N1D		RIDGEWOOD WATER CO.
MILLVILLE	5576	CUMBERLAND	6	39 24	75 03	60	8A		8A	C H	L. J. GALLAHER
MILTON	5597	MORRIS	8	41 01	74 32	950			7A		JERSEY CITY WTR WKS
MOORESTOWN	5728	BURLINGTON	2	39 58	74 58	55	N10		8A	H	H. J. WILLARD
MORRIS PLAINS	5769	MORRIS	8	40 50	74 30	500	8A		8A	H	JAMES C. LONG
MEWARK WB AIRPORT	6026	ESSEX	1	40 42	74 10	11	N1D		N1D	C HJ	U. S. WEATHER BUREAU
MEW BRUNSWICK EXP STA	6062	MIDDLESEX	10	40 28	74 26	80	5P		5P	GH	ARTHUR H. AHLQUIST
MEW MILFORD	6146	BERGEM	4	40 57	74 02	12			N10	C	HACKENSACK WATER CO
MEWTON	6177	SUSSEX	2	41 03	74 45	565	8A		8A	C H	MEWTOM WTR SWR COMM
OAK RIDGE RESERVOIR	6460	PASSAIC	8	41 02	74 30	870			8A		MEWARK WATER DEPT
OLDWICK	6544	HUNTEROOM	10	40 40	74 45	260			8A		OAN A. COUGHLIM
ORANGE	6560	ESSEX	8	40 47	74 14	140			M1D	C	COUMTY ENGINEER
PATERSOM	6775	PASSAIC	8	40 55	74 09	100	8A		8A	H	P. J. DEL VECCHIO
PEMBERTON 3 E	6843	BURLINGTOM	2	39 58	74 38	60	5P		5P	H	CHARLES A. OOEMLER
PHILLIPSBURG	6974	WARREN	2	40 41	75 12	182	3P		3P	H	SEWAGE DISPOSAL PLT
PHILLIPSBURG BRIDGE	6979	WARREN	2	40 42	75 12	196			9A		JOINT TOLL BROGE COM
PLAINFIELD	7079	UMION	10	40 36	74 25	120	8P		8P	H	MRS VIVIAM SCHERER
PLEASAMT RUN	7123	HUNTERDOM	10	40 34	74 48	140			7A		JOHM H. BERRYMAN
PRINCETOM WATER WORKS	7328	MERCER	10	40 19	74 40	90			M1D		PRIMCETOM WATER CO
RAHWAY	7393	UMION	9	40 36	74 15	20			M1O	C H	RAHWAY VLY SWG AUTH
RIDGEFIELD	7545	BERGEM	4	40 50	74 01	80	N10		M1D	H	GEORGE P. KIRSTEN
RINGWOOD	7587	PASSAIC	8	41 08	74 16	305			10A		MO JERSEY WTR SUPPLY
SANDY HOOK LBSTA	7869	MONMOUTH	1	40 28	74 01	22	7P		7P		U. S. COAST GUARD
SHILOH	8051	CUMBERLAND	2	39 28	75 18	120	5P		5P		EVERETT DICKINSON
SOMERVILLE	8194	SOMERSET	10	40 34	74 37	75	6P		6P	H	W. E. HAVER
SPLIT ROCK POND	8402	MORRIS	8	40 58	74 28	800			10A		JERSEY CITY O P W
SPRINGFIELD	8423	UNION	1	40 43	74 18	-				C	M.J. DEPT OF CONS
SUSSEX 3 M	8644	SUSSEX	5	41 14	74 35	530	7A		7A		BRICE B. STANTON
SWEDESBORO 5 MW	8685	GLOUCESTER	2	39 47	75 24	10			12N		SUN OIL CO
TOMS RIVER	8816	OCEAN	1	39 57	74 14	10			5P		ROBERT F. SMYDER
TRANQUILITY 2 W	8858	WARREN	2	40 57	74 50	551				C	M. J. ERVEY
TRENTOM 2	8878	MERCER	2	40 14	74 46	105	M10		M10		E. H. RISTOW
# TRENTOM WB CITY	8883	MERCER	2	40 13	74 46	56	N10		M1D	C HJ	U.S. WEATHER BUREAU
TUCKERTOM	8899	OCEAM	1	39 36	74 20	10	6P		6P		REV EDWARD O. NEGILL
VINELAND	9135	CUMBERLAND	6	39 29	75 00	110			8A		STATE HOME FOR WOMEN
WAMAQUE PAYMOND DAM	9187	PASSAIC	8	41 03	74 18	320			8A	C H	WATER SUPPLY COMM
WATCHUNG	9271	UMION	8	40 40	74 25	-				C	BONNIE BURN SAN.
WERTSVILLE	9363	HUNTERDOM	10	40 27	74 48	160			7A		ROBERT N. MANNERS
# WESTFIELD	9455	UNION	9	40 39	74 21	138			5P	C	CITY ENGINEER
WOODCLIFF LAKE	9832	BERGEM	4	41 01	74 03	103			M1O	C	HACKENSACK WATER CO
WOODSTOWN	9910	SALEM	2	39 39	75 19	50	5P		5P		CREAM VALLEY DAIRY

‡ 1-COASTAL; 2-DELAWARE; 3-GREAT EGG HARBOR; 4-HACKENSACK; 5-HUDSON; 6-MAURICE; 7-MULLICA; 8-PASSAIC; 9-RAHWAY; 10-RARITAN; 11-ROCKAWAY

REFERENCE NOTES

Additional information regarding tbe climate of New Jerney may be obtained by writing to the State Climatologist at Weather Bureau Office, c/o General Delivery, Trenton, New Jerney or to any Weather Bureau Office near you.

Figuren and letters following the station name, much as 12 SSW, indicate distance in miles and direction from the post office.

Delayed data and corrections will be carried only in the June and Decwmber issues of this bulletin.

Wontbly and seasonal snowfall and heating degrees for the preceding 12 months will he carried in the June issue of this bulletin.

Stations appearing in the Index, but for which data are not linted in the tables, either are missing or were recwived too late to be included in tbin issue.

Divisions, as used in "Climatological Data: Table and on the maps, hecame effective witb data for September 1956.

Dnless otherwise indicated, dimensional units used in this bulletin are: Temperature in °F, precipitation and evaporation in inches and wind movement in miles. Wontbly degree day totals are tbe sums of tbe negative departuren of average daily temperaturee from 65° F.

Evaporation is measured in the standard Weather Bureau type pan of 4 foot diameter unless otberwise nbown hy footnote following the "Evaporation and Wind" Table. Max and Min in "Evaporation and Wind" Table refer to extremen of temperature of water in pan as recorded during 24 hours ending at time of observation.

Long-term meann for full-time stations (tbose shown in tbe Station Index as "U. S. Weather Bureau") are hased on the period 1921-1950, adjusted to represent observations taken at the present location. Long-term meann for all stations except full-time Weather Bureau stations arc based on the period 1931-1955.

Water equivalent values publisbed in the "Snowfall and Snow on Ground" Table are the water equivalent of snow, sleet, or ice on the ground. Samples for obtaining measurements are taken from different points for succesive observations, consequently occasional drifting and other causen of local variahility in the snowpack may result in apparent inconnistencies in the record.

Entries of nnowfall in the "Climatological Data" Table and the "Snowfall and Snow on Ground" Table, and in the "Seasonal Snowfall" Table include snow and sleet. Entries nf snow on ground include snow, sleet and ice.

Data in tbe "Daily Precipitation" Table; "Daily Temperature" Table; and "Evaporation and Wind" Table, and snowfall in tbe "Snowfall and Snow on Ground" Table, wben published, are for the 24 bourn ending at time of observation. Tbe Station Index sbown observation times in local standard time. During tbe nummer months some observers take tbe observations on daylight. naving time.

Snow on ground in the "Snowfall and Snow on Ground" Table is at observation time for all except Weather Bureau and CAA stations. For tbese ntations snow on ground values are at 7:00 a.m., E.S.T.

No record in the "Climatological Data" Table and the "Daily Temperature" Table is indicated hy no entry.

Interpolated values for monthly precipitation totals may be found in tbe annual issue of tbis publication.

- No record in tbe "Daily Precipitation" Table; "Evaporation and Wind" Table; "Snowfall and Snow on Ground" Table; and the Station Index.
+ And also on an earlier date or dates.
++ Fnastest observed one minute wind speed. This stations is not equipped witb automatic wind instruments.
* Amount included in following measurement, time distribution unknown.
Thermometers are generally exposed in a shelter located a few feet above sod-covered ground; bowever, the reference indicatee that the thermometers are exposed in a shelter located on the roof of a building.
// Gage is equipped with a windsbield.
AR Thin entry in time of observation colnan in Station Index means after rain.
AM Data based on obnervational day ending before noon.
S Adjusted to a full month.
D Water equivalent of snowfall wholly or partly estimated, using a ratio of 1 inch water equivalent to every 10 inches of new snowfall.
M One or more days of record missing; if average value is entered, less than 10 days record in missing. See "Daily Temperature" Table for detailed daily record. Degree day data, if carried for thin station, have been adjusted to represent the value for a full month.
R Amounts from recording gage. (These amounts are ennentially accuratw hut may vary slightly frow tbe amountn to be publishwd later in Sourly Precipitation Data.)
SS This wntry in time of observation column in Station Index means observation madw near sunset.
T Trace, an amount too small to measure.
V Includes total for previous month.
X Dbservation time is 1:00 a.m., E.S.T. of the following day.
VAR Thin entry in time of observation column in Station Index meann variable.

In the Station Index the letters C, G, S, and J in the "Special" column under the heading "Observation Time and Tables", indicate thw following:

C Weighing Rain Gage Recording Station. Sourly precipitation values are procemsed for special purpowes, and are published later in "Hourly Precipitation Data" Bulletin.
G "Soil Temperature" Table.
S "Snowfall and Snow on Ground" Table. Omission of data in aoy month indicates no snowfall and/or snow on ground in that month.
J "Supplemental Data" Table.

Information concerning the bintory of changes in locations, elevations, exposure etc. of subetations tbrough 1955 may be found in the publication "Subetation Siotory" for this state. That publication may be obtained from the Superintendent of Documentn, Government Printing Office, Washington 25, D. C. for 15 cents. Sieilar information for regular Weather Sureau ntations may be found in the latest annual issue of Local Climatological Data for the respective stations, obtained an indicated above, price 15 cents.

General weather conditions in the U. S. for eacb month are described in the publications MONTHLY WEATHER REVIEW and the monthly CLIMATOLOGICAL DATA, NATIONAL SUMMARY, either of which may he obtained fros the Superintendent of Documents, Government Printing Office, Washington 25, D. C.

Subscription Price: 20 cents per copy, monthly and annual, $2.50 per year. (Yearly subscription includes the Annual Summary). Checks, and money orders should he sade payable to the Superintendent of Documents. Remittance and correspendance regarding subscriptions sbould be sent to the Superintendent of Documents, Government Printing Office, Washington 25, D. C.

USCOMM-WB-Asheville, N. C. --- 3/12/59 --- 775

551.05
JNNJ
.op.1

U. S. DEPARTMENT OF COMMERCE
LEWIS L. STRAUSS, Secretary
WEATHER BUREAU
F. W. REICHELDERFER, Chief

CLIMATOLOGICAL DATA

NEW JERSEY

FEBRUARY 1959
Volume LXIV No. 2



THE LIBRARY OF THE
APR 2 2
UNIVERSITY OF ILLINOIS

ASHEVILLE: 1959

NEW JERSEY - FEBRUARY 1959

TEMPERATURE AND PRECIPITATION EXTREMES

Highest Temperature: 60° on the 11+ at Atlantic City WB Airport and on the 5th at Layton 3 NW

Lowest Temperature: -5° on the 20th at High Point Park

Greatest Total Precipitation: 2.85 inches at Leesburg State Farm

Least Total Precipitation: 1.39 inches at Phillipsburg

Greatest One-Day Precipitation: 1.32 inches on the 4th at Clayton

Greatest Reported Total Snowfall: 2.5 inches at Charlotteburg and Greenwood Lake

Greatest Reported Depth of Snow on Ground: 2 inches on the 24th at Greenwood Lake

CLIMATOLOGICAL DATA

NEW JERSEY
FEBRUARY 1959

Station		Temperature													Precipitation									
											No. of Days								Snow, Sleet			No. of Days		
											Max		Min											
		Average Maximum	Average Minimum	Average	Departure From Long Term Means	Highest	Date	Lowest	Date	Degree Days	90° or Above	32° or Below	32° or Below	0° or Below	Total	Departure From Long Term Means	Greatest Day	Date	Total	Max Depth on Ground	Date	10 or More	50 or More	100 or More
NORTHERN																								
BELVIDERE		40.7	19.8	30.3	- .9	54	27	4	2	967	0	3	27	0	2.53	- .50	.74	10	.4	T	27+	5	2	0
BOONTON 2 SE	AM	38.8	17.6	28.2	- 1.1	53	28	4	2	1024	0	4	27	0	1.84	- .73	.72	10				3	2	0
CANOE BROOK	AM	39.4	17.6	28.5	- .8	54	28	5	3+	1015	0	4	27	0	1.83	- .99	.65	10	.5	1	10	3	2	0
CHARLOTTEBURG	AM	37.5	13.8	25.7	- 3.5	51	28	0	3+	1094	0	6	27	2	2.14	- .88	.83	10	2.5	1	25+	5	2	0
ELIZABETH		42.0	22.5	32.3	- .9	53	27	6	2	909	0	3	24	0	1.92	- 1.14	.68	10				5	2	0
ESSEX FELLS SERV BLDG	AM	38.6	16.1	27.4		54	18	4	20+	1050	0	4	28	0	1.98		.62	10				5	1	0
FLEMINGTON 1 NE		41.0	18.8	29.9	- 2.4	59	13	3	20+	973	0	3	28	0	2.28	- .35	.72	4	1.9	1	23+	7	2	0
HIGH POINT PARK	AM	34.7	11.3	23.0		47	5	- 5	20	1171	0	10	28	3	1.90		.65	4				6	1	0
JERSEY CITY		37.4	22.2	29.8	- 2.9	50	13	6	20	978	0	5	24	0	2.02	- .74	.68	4				7	2	0
LAMBERTVILLE		41.7	22.2	32.0	- .3	54	27	7	3+	918	0	3	25	0	1.81	- .78	.63	4	T	T	23+	5	1	0
LAYTON 3 NW		39.8	15.3	27.6	- .1	60	5	- 5	2	1042	0	4	28	2	2.23	- .05	.93	10	.5	0		6	2	0
LITTLE FALLS 1 E	AM	40.9	19.7	30.3	- 1.2	55	28	6	2	964	0	4	27	0	1.78	- 1.15	.75	10				3	1	0
LONG VALLEY		39.1	18.0	28.6		54	27	1	2	1016	0	4	27	0	D 2.44	- .42	.85	10	2.0			6	2	0
MORRIS PLAINS	AM	38.4	18.0	28.2		54	28	4	2	1024	0	4	27	0	2.02		.78	10	.8	0		3	2	0
NEWARK WB AIRPORT	R	40.5	22.7	31.6	- .1	52	13	8	20+	928	0	5	24	0	1.89	- 1.21	.51	4	1.0	1	10	5	2	0
NEWTON	AM	36.8	15.1	26.0	- 2.1	52	28	1	2	1088	0	7	27	0	2.19	- .32	.82	10	1.0	1	10	4	2	0
PATERSON	AM	39.7	20.2	30.0	- 2.0	55	28	5	2	974	0	5	25	0	2.03	- .87	.68	4	1.1	1	10	4	2	0
PHILLIPSBURG		42.4	23.1	32.8	1.9	54	28	6	20+	896	0	2	22	0	1.39	- 1.61	.61	10+	T	T	9	3	2	0
PLAINFIELD		40.6	22.4	31.5	- .9	54	27	6	2	932	0	4	25	0	2.14	- .70	.66	4	1.0	0		5	2	0
RIDGEFIELD		39.6	21.7	30.4	- .9	52	27	6	2	962	0	5	28	0	1.94	- .95	.85	10	.5	T	23+	4	2	0
SOMERVILLE		39.6	20.0	29.8	- 2.1	53	27	4	2	980	0	4	28	0	1.78	- .86	.64	4	.5	T	23	5	2	0
SUSSEX 3 N	//AM	36.5	14.0	25.3	- 3.8	51	28	0	3+	1107	0	7	28	2	2.45	- .29	.93	10	1.0	1	24	4	2	0
DIVISION				29.1	- 1.7										2.02	- .78			.9					
SOUTHERN																								
ATLANTIC CITY WB AP		44.2	24.4	34.3	- .3	60	11+	9	3+	852	0	3	22	0	1.86	- 1.12	.69	4	T	0		5	1	0
AUDUBON		43.6	24.0	33.8		59	10	9	20+	867	0	3	25	0	1.58		.67	4	T	T	9	5	1	0
BELLEPLAIN		45.9	24.3	35.1		59	11	7	3+	832	0	2	19	0	D 2.45	- .55	.42	13+	.3	0		7	0	0
BURLINGTON		44.4	24.9	34.7	- .1	56	18	8	2	845	0	4	23	0	2.76	.02	.80	9				6	3	0
CHATSWORTH 5 S		45.2	23.3	34.3		59	11	7	2	854	0	2	21	0										
CLAYTON		43.6	25.0	34.3		57	10	2	20	855	0	2	23	0	2.63		1.32	4	T	0		5	2	1
FREEHOLD		42.0	22.9	32.5	- .3	55	10	5	2	902	0	2	24	0								4		0
HAMMONTON 2 NNE	AM	44.1	24.3	34.2	- .2	57	11	8	2	857	0	4	23	0	1.86	- 1.20	.60	4				7	1	0
HIGHTSTOWN 1 N		41.3	23.0	32.2	- .5	51	27	8	20	913	0	3	24	0	1.60	- .99	.56	4	.3	T	9	4	2	0
INDIAN MILLS 2 W		43.7	22.0	32.9	- .9	59	11	5	3	895	0	3	24	0	1.85	- 1.07	.74	4	T	0		5	1	0
LAURELTON 1 E		42.2	20.4	31.3	- 2.1	56	10	6	2	937	0	4	25	0	2.02	- 1.08	.84	4	T	T	6	5	2	0
LEESBURG STATE FARM		44.1	24.2	34.2		55	11+	9	3+	855	0	3	22	0	2.85		.50	6				8	1	0
MILLVILLE	AM	44.1	23.9M	34.0M		57	11	8	2	861	0	4	24	0	1.80		.56	4	T	0		5	1	0
MOORESTOWN		42.6	22.6	32.6	- .6	58	10	9	20+	898	0	4	26	0	1.50	- 1.07	.57	4				5	1	0
NEW BRUNSWICK EXP STA		42.1	22.2	32.2	- .4	60	28+	5	2	915	0	2	24	0	1.82	- .78	.65	4	T	T	9	4	2	0
PEMBERTON 3 E		44.9	22.8	33.9	- .3	59	11	7	3+	866	0	2	24	0	1.62	- 1.00	.58	4				5	1	0
SHILOH		43.5	25.8	34.7	- .1	56	11	9	2	844	0	2	22	0	2.05	- .82	.62	4	.0	0		6	1	0
TRENTON 2		38.2	21.2	29.7		49	28+	5	2	982	0	6	27	0	1.92	- .94	.59	4	.7	T	9	5	1	0
TRENTON WB CITY	R	41.1	23.6	32.4	- .3	53	10	7	20+	907	0	5	25	0	1.72	- .94	.55	4	1.1	T	10	5	1	0
TUCKERTON																								
WOODSTOWN		44.6	24.6	34.6		59	11	9	20	843	0	2	22	0	1.91		.69	4				5	1	0
DIVISION				33.4	- .3										1.99	- .80			.2					
COASTAL																								
ATLANTIC CITY	R	42.2	26.5	34.4	- 1.0	57	11	10	20+	852	0	4	21	0	1.88	- 1.36	.62	4				6	1	0
CAPE MAY 3 W		43.7M	29.1M	36.4M		56	11	9	20	796	0	2	17	0	1.85		.50	5	.0	0		6	1	0
LONG BRANCH	R	40.6	24.2	32.4	- .5	52	27+	8	20	907	0	5	23	0	1.70	- 1.67	.61	4	.2	0		5	1	0
SANDY HOOK LBSTA		45.0	23.3	34.2	1.2	57	28	7	20	859	0	1	24	0	2.38	- .12	.82	10	.0	0		4	2	0
DIVISION				34.4	.3										1.95	- 1.01			.1					

SUPPLEMENTAL DATA

Station	Wind direction		Wind speed m. p. h.				Relative humidity averages percent				Number of days with precipitation							Percent of possible sunshine	Average sky cover sunrise to sunset
	Prevailing	Percent of time from prevailing	Average	Fastest mile	Direction of fastest mile	Date of fastest mile	1:00 a EST	7:00 a EST	1:00 p EST	7:00 p EST	Trace	.01-.09	.10-.49	.50-.99	1.00-1.99	2.00 and over	Total		
ATLANTIC CITY WB AIRPORT	WNW	15	13.1	-	-	-	76	77	55	71	3	4	4	1	0	0	12	-	6.3
ATLANTIC CITY	-	-	13.0	36	NW	11	-	-	-	-	5	2	5	1	0	0	13	51	-
LONG BRANCH	NW	18	14.2	46	NW	19	-	73	63Ø	60	4	3	4	1	0	0	12	62	5.4
NEWARK WB AIRPORT	WNW	16	10.5	30++	NW	19	70	69	54	60	2	4	3	2	0	0	11	-	5.6
TRENTON WB CITY	-	-	9.9	33	NW	19+	-	-	-	-	4	3	4	1	0	0	12	59	5.5

Ø 12:00 Noon

See Reference Notes Following Station Index

DAILY PRECIPITATION

NEW JERSEY
FEBRUARY 1959

Station	Total	Day of month																												
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
ATLANTIC CITY WB AP	1.86			.05	.69	.04	T			.17	.15			.32	.38	.02			T	T				.04								
ATLANTIC CITY R	1.88			T	.62	.02	T			.16	.18			.38	.40	.02		T	T	T				.10								
AUDUBON	1.58			T	.67	T	T			T	.33			.15	.33	T			T	T				.10								
BASS RIVER ST FOREST	2.27				.49	.43				.01	.38			.49	.47																	
BELLEPLAIN D	2.45				.30	.40	0.03			.06	.42			.42	.15	.40								.07	.20							
BELVIDERE	2.53				.72					.20	.74	T		.08	.08	.42			.24	T				.05								
BERLIN 1 W	2.08				.35	.63					.70	.25				.15																
BLACKWELLS MILLS	1.94				.67	.04					.53	.03		.11		.45				.05												
BOONTON 2 SE	1.84				.52	T					.72	.09	T	.03	.02	.38				.03					.06							
BOUND BROOK 1 W	1.58				.53						.48	.03		.09	.09	.32			T						.04							
BRANCHVILLE	2.48				.65	.06					.99	.16			.07	.36				.09					.10							
BURLINGTON	2.76			T	.64	.03	T			.80	.60			.20	.15	.20			.05					.09								
CANISTEAR RESERVOIR	2.28				.61						.86	.21	T	.05	.04	.37				.02					.12							
CANOE BROOK	1.83				.59						.65	.07		.04		.44				T					.04							
CANTON	1.82				.03	.76	T				.29	T		.41	T	.29				T					.04							
CAPE MAY 3 W	1.85				.25	.50				*	.20			.39	.13	.27	.01							.02	.08							
CEDAR GROVE	1.88				.52						.60	.21			.10					.35				.10								
CHARLOTTEBURG	2.14				.55						.83	.15	.04	.04	.02	.38				.03					.10							
CHATHAM	1.97				.60						.70	.04		.05	.04	.45				.04	T				.05							
CHATSWORTH 5 S	-				.35	.05				T	.05			.03	-	-								.04								
CLAYTON	2.63				1.32	.04	.03			.09	.51	T		.15	.29	.15			T	T				.05	T							
CLINTON		RECORD MISSING																														
DEEPWATER	1.83			.09	.64					.09	.31			.25	.32	.03				T				.10								
ELIZABETH	1.92				.58					.03	.68	.01		.13	.12	.30				.03				.03	.01							
ELIZABETHPORT	1.87			.04	.52					.15	.45	.17		.18	.28	.04			.02					.02								
ESSEX FELLS SERV BLDG	1.98				.48						.62	.45				.31				.02					.10							
FLEMINGTON 1 NE	2.28				.72					.10	.61	.03		.11	.16	.07			.31	T				.17	T							
FORTESCUE	2.02				.15	.20	.39				.30			.25	.15	.10									.48							
FREEHOLD	-				.54	.08	.01				-			.21	.08	.24								.03								
GREENWOOD LAKE	2.34				.58						.84	.17	T	.08	.11	.41				.04					.11							
HAMMONTON 2 NNE	1.86				.60	.31					.19	.11		.18	.17	.28									.02							
HIGH POINT PARK	1.90				.65						.44	.33		.14		.18				.13					.03							
HIGHTSTOWN 1 N	1.60				.56					.02	.50	T		.19	.06	.21			.01	T				.05								
INDIAN MILLS 2 W	1.85				.74	.15	T			.02	.36			.22	.19	.09			T	T				.08								
IRVINGTON	2.03			.07	.57					.22	.55	T		.12	.35	.02			.05					.08								
JERSEY CITY	2.02			.15	.68					.15	.20			.10	.15									.59								
LAMBERTVILLE	1.81				.63					.04	.40			.22	.18	.18			.07	T				.09								
LAURELTON 1 E	2.02			T	.84	.03	T			.10	.53	T		.16	.32	.02			T					.02								
LAYTON 3 NW	2.23				.66					.03	.93			.15	.12	.16			.16					.02	T							
LEESBURG STATE FARM	2.85				.19	.41	.50			T	.33			.43	.06	.37								.10	.46							
LITTLE FALLS 1 E	1.78				.49	.01					.75	.09	.01	.02		.36				.01					.04							
LONG BRANCH R	1.70			.01	.61	T	T			.25	.33	T		.13	.33	.01			T					.03								
LONG VALLEY D	2.44				.65					0.10	.85	.05		.16	.42	.06			.05					0.10								
MACOPIN INTAKE	1.92				.54						.80	.09		.05		.34				.02					.08							
MAHWAH	2.09				.54						.81	.14		.06	.01	.37				.01					.15							
MANVILLE	1.80			.01	.66				T	.06	.57			.02	.30				.08					.10								
MARLTON 1 W	1.68				.60	.16	.01			.03	.30			.16	.32				.02					.08								
MAYS LANDING	2.70				.50	.40	T			.25	.20			.40	.40	.10			T					.20	.25							
MIDLAND PARK	1.98			.02	.51					.33	.62	.02		.08	.30	.01			.02					.07								
MILLVILLE	1.80			.08	.56	.06	T			.15	.11			.45	.32	.01				T				.06								
MILTON	2.55				.65						.76	.23		.08	.24	.43				.04					.12							
MOORESTOWN	1.50				.57	.15	T				.31	T		.10	*	.31				T					.06							
MORRIS PLAINS	2.02	T			.58				T		.78	.07	T	.05	.04	.44				T					.06							
NEWARK WB AIRPORT R	1.89			.07	.51					.20	.50	T		.14	.40	.01			.01					.05	T							
NEW BRUNSWICK EXP STA	1.82				.65					.04	.53	T		.22	.03	.28			T					.07								
NEW MILFORD	-			.02	.44					.22	.58			.04	.22	.04								-								
NEWTON	2.19				.63						.82	.14		.02	T	.40				.09					.09							
OAK RIDGE RESERVOIR	2.42				.64						.79	.19	.09	.03	.06	.42				.04					.16							
OLDWICK	2.07				.62						.65	.09		.21	T	.46				.01					.03							
ORANGE	1.83				.58					*	*	.74		.09	*	.40								.02								
PATERSON	2.03				.68						.65	.33	T	T	T	.33				.03					.01							
PEMBERTON 3 E	1.62				.58	.16				.02	.29			.14	.05	.26			.03					.06	.03							
PHILLIPSBURG	1.39				.61					T	.61			T	.10				T					.07								
PHILLIPSBURG BRIDGE	2.31				.73						.40	.20		.11	.03	.49				.24					.11							
PLAINFIELD	2.14				.66					.56	.23	T		.28	.35	T			T					.06								
PLEASANT RUN	1.95				.49						.38	.46		.13	.10	.32				.03					.04							
PRINCETON WATER WORKS	1.82			.01	.64					.03	.54			.19	.30									.11								
RAHWAY	1.67			.03	.52					.04	.54			.49	.04									.01								
RIDGEFIELD	1.94			.02	.57					.02	.85	T		.10		.32	.03		T					.03								
RINGWOOD	2.15				.56					T	.77	.19		.15		.38				T					.10							
SANDY HOOK LBSTA	2.38				.38	.07	.04				.82	.09		.31	.02	.55	.01							.01	.08							
SHILOH	2.05				.62	.26	T			.06	.19			.49	.11	.19		T	.01					.08	.04		T	T	T			
SOMERVILLE	1.78				.64					.02	.59	T		.20	.12	.16			.02					.03								
SPLIT ROCK POND //	2.14				.56						.82	.19	.01	.07		.35				.03					.11							
SUSSEX 3N //	2.45				.73						.93	.13	T	.05	.08	.38				.07					.08							
SWEDESBORO 5 NW	1.61				.55	.14	T			.02	.28	.04		.23	.01	.30			T	.01				.03								
TOMS RIVER	-				.77	.20					-			.20	.12	.04								T								
TRENTON 2	1.92			.04	.59					.19	.37			.25	.35	.01			.03					.09								
TRENTON WB CITY R	1.72			.08	.55	T				.18	.82			.21	.30	T			.02	T				.06	T							
TUCKERTON		RECORD MISSING																														
VINELAND	2.01				.56	.40	.01				.23	.02		.20	.21	.30				T					.08								
WANAQUE RAYMOND DAM	1.93				.54						.70	.18		.06		.35				T					.10								
WERTSVILLE	1.66				.64	.01					.42	.02		.10	.13	.26	.02			.02				.04			T					
WESTFIELD	1.96			.05	.59					.10	.52	.10		.16	.33	.04								.07								
WOODCLIFF LAKE	2.18			.03	.49					.27	.77			.12	.35				.05					.10								
WOODSTOWN	1.91				.69	.13				.08	.28			.37	.09	.21								.04	.02							

See Reference Notes Following Station Index

DAILY TEMPERATURES

NEW JERSEY
FEBRUARY 1959

Station		Day Of Month																													Average
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
ATLANTIC CITY WB AP	MAX	26	23	46	50	47	40	41	50	46	60	60	35	51	47	57	46	52	51	34	22	38	43	44	44	38	47	50	50				44.2
	MIN	16	9	9	39	34	26	16	32	29	42	25	17	35	38	27	21	27	34	17	10	13	23	27	27	19	18	26	26				24.4
ATLANTIC CITY	MAX	26	23	44	47	46	40	38	51	46	54	57	36	51	45	55	44	48	45	32	22	38	40	44	44	35	41	44	46				42.2
	MIN	18	10	18	38	24	25	21	32	30	40	25	20	36	37	30	26	35	34	16	10	17	23	32	27	21	27	27	32				26.5
AUDUBON	MAX	28	27	42	51	48	40	44	50	33	59	54	39	53	46	46	44	51	42	34	23	39	45	38	44	41	52	54	54				43.6
	MIN	18	9	13	33	30	26	19	28	26	30	27	18	32	37	30	24	28	33	9	9	13	28	26	30	19	20	27	29				24.0
BELLEPLAIN	MAX	40	27	37	52	44	44	42	53	46	56	59	37	52	53	54	47	55	52	48	25	39	46	45	45	41	46	50	50				45.9
	MIN	15	7	7	34	33	27	12	35	30	38	36	16	28	37	42	20	27	35	23	9	9	15	27	39	18	16	24	22				24.3
BELVIDERE	MAX	30	28	38	45	45	42	44	43	35	36	47	35	48	48	42	39	48	45	37	23	36	43	37	39	38	47	54	47				40.7
	MIN	14	4	9	29	27	28	12	30	15	19	25	14	19	28	34	17	25	30	19	5	13	15	19	30	13	16	22	24				19.8
BOONTON 2 SE	MAX	35	25	25	40	49	49	37	40	42	34	41	39	35	51	44	43	40	47	43	25	20	33	35	38	35	40	47	53				38.8
	MIN	14	4	5	9	30	30	14	14	15	16	34	13	13	27	30	12	19	30	21	6	7	15	17	24	15	16	19	25				17.6
BURLINGTON	MAX	32	28	43	52	48	42	44	48	32	55	54	38	54	48	46	45	50	56	39	24	38	43	38	44	43	52	53	53				44.4
	MIN	18	8	13	34	33	30	18	30	24	29	31	18	28	37	36	24	28	35	21	9	17	22	25	32	19	21	28	29				24.9
CANOE BROOK	MAX	36	24	25	41	48	47	36	43	43	35	42	38	35	51	44	44	43	50	44	24	21	34	37	40	36	41	47	54				39.4
	MIN	14	5	5	9	27	27	10	21	16	17	35	12	22	26	32	15	21	25	22	7	7	13	15	25	15	12	19	20				17.6
CAPE MAY 3 W	MAX	38	29	37	46	45	40	40	45	43	53	56	37	44	47	52	44	52	48	40	26	39	43	47	46		48		50				43.7
	MIN	19	13	22	32	35	32	24	36	33	38	36	21	32	39	39	27	33	38	24	9	23	28	35	38		25		26				29.1
CHARLOTTEBURG	MAX	33	22	25	43	48	45	35	42	41	34	48	37	33	50	41	41	39	44	38	21	19	32	34	38	31	39	47	51				37.5
	MIN	11	0	0	10	24	26	10	11	10	11	33	11	11	24	25	11	12	24	18	2	2	13	14	20	11	10	12	21				13.8
CHATSWORTH 5 S	MAX	34	25	44	52	47	48	43	51	36	57	59	36	50	48	52	47	55	52	42	24	39	43	40	44	40	48	53	57				45.2
	MIN	14	7	9	34	33	28	14	32	27	33	31	11	21	36	33	21	27	35	21	9	9	20	25	35	18	19	25	25				23.3
CLAYTON	MAX	34	25	40	52	47	41	44	47	37	57	54	34	51	49	50	44	49	47	40	27	35	44	41	42	41	49	51	50				43.6
	MIN	17	9	11	32	32	29	19	29	29	34	31	18	33	35	34	32	27	35	20	2	14	24	25	32	19	21	29	27				25.0
ELIZABETH	MAX	32	28	41	46	49	42	42	42	39	43	42	35	52	48	45	44	50	46	41	25	36	39	38	40	42	49	53	48				42.0
	MIN	15	6	9	32	32	31	13	34	18	22	28	16	27	33	34	20	27	36	18	7	14	14	22	31	16	19	25	32				22.5
ESSEX FELLS SERV BLDG	MAX	33	24	25	42	41	44	34	40	38	34	38	38	37	50	39	42	40	54	41	28	30	34	36	38	42	46	46	47				38.6
	MIN	10	4	5	10	20	18	10	21	8	10	30	12	14	20	28	20	24	25	18	4	6	17	20	30	10	12	20	24				16.1
FLEMINGTON 1 NE	MAX	29	26	40	48	48	43	44	45	37	40	40	35	59	41	42	43	51	44	33	20	36	41	34	40	40	49	54	46				41.0
	MIN	12	5	3	30	30	28	11	28	18	25	28	12	25	30	31	12	22	29	20	3	6	8	16	31	14	11	18	21				18.8
FREEHOLD	MAX	38	26	42	52	46	39	43	45	34	55	45	36	47	43	45	46	51	46	37	22	36	39	39	41	38	47	52	47				42.0
	MIN	15	5	9	32	31	30	16	34	22	31	27	15	26	34	34	21	27	35	19	6	12	15	23	31	15	20	27	30				22.9
HAMMONTON 2 NNE	MAX	43	26	26	54	42	49	42	50	50	48	57	41	40	51	52	46	48	54	50	27	23	39	45	42	43	41	54	52				44.1
	MIN	23	8	10	20	33	31	19	24	28	30	40	18	21	38	38	22	26	33	25	10	12	23	26	32	19	19	26	26				24.3
HIGH POINT PARK	MAX	35	24	23	37	47	41	36	38	37	34	45	40	30	44	34	33	37	42	32	18	19	26	31	32	27	38	42	50				34.7
	MIN	5	-4	0	13	14	16	5	10	1	3	25	6	12	20	26	14	21	27	11	-5	3	4	4	19	5	14	18	28				11.3
HIGHTSTOWN 1 N	MAX	32	25	41	50	45	40	41	45	38	50	42	36	48	45	43	43	49	45	37	22	36	39	36	40	38	50	51	48				41.3
	MIN	16	6	11	32	31	30	17	34	21	25	28	16	27	34	36	21	28	33	20	8	15	16	21	32	17	18	23	29				23.0
INDIAN MILLS 2 W	MAX	29	25	41	53	47	39	44	48	34	57	59	37	50	46	51	46	51	47	39	22	37	43	38	42	39	52	53	54				43.7
	MIN	13	6	5	33	31	28	12	33	26	31	29	13	27	37	32	16	23	34	19	9	9	20	20	31	18	14	23	23				22.0
JERSEY CITY	MAX	26	27	37	45	46	38	40	43	28	41	37	29	50	40	42	38	42	38	35	21	35	33	35	36	38	41	45	41				37.4
	MIN	14	7	9	32	33	19	16	24	19	30	22	13	29	33	29	26	33	26	10	6	15	18	29	23	17	27	29	33				22.2
LAMBERTVILLE	MAX	30	28	40	45	46	39	43	46	36	43	43	36	52	47	44	43	51	44	38	22	37	43	37	41	40	49	54	50				41.7
	MIN	17	7	7	31	30	29	15	35	20	22	29	17	28	34	35	18	25	30	20	8	14	16	20	32	17	17	23	26				22.2
LAURELTON 1 E	MAX	28	28	39	50	49	42	43	50	36	56	43	34	47	43	50	46	52	46	31	25	38	42	41	45	40	44	51	43				42.2
	MIN	13	6	7	38	28	23	13	26	25	35	21	14	31	33	25	19	24	31	12	8	10	11	21	23	16	14	20	25				20.4
LAYTON 3 NW	MAX	23	28	39	46	60	46	43	42	38	35	37	33	48	45	40	40	48	41	36	20	30	35	38	40	40	46	51	45				39.8
	MIN	5	-5	-2	30	25	18	6	30	10	15	22	8	28	23	30	12	29	28	13	2	1	17	15	15	6	11	19	18				15.3
LEESBURG STATE FARM	MAX	27	22	34	51	44	40	41	52	40	55	55	35	52	50	52	46	54	52	45	27	39	44	43	46	42	49	46	52				44.1
	MIN	11	9	9	32	33	29	16	34	30	35	19	18	29	30	35	22	29	35	22	11	18	17	26	38	21	20	26	24				24.2
LITTLE FALLS 1 E	MAX	38	27	28	42	52	48	39	42	44	36	43	39	39	54	45	43	44	51	44	27	22	36	39	40	37	42	48	55				40.9
	MIN	14	6	9	21	29	22	14	19	15	17	34	15	21	27	32	19	27	29	22	7	10	17	19	27	15	17	23	25				19.7
LONG BRANCH	MAX	23	26	41	50	47	38	44	46	38	50	41	32	47	44	46	42	52	44	32	22	35	38	40	40	38	42	52	48				40.6
	MIN	15	9	14	37	35	26	17	28	23	40	23	20	31	35	33	26	30	32	12	8	13	19	27	25	20	20	27	32				24.2
LONG VALLEY	MAX	29	27	40	47	40	36	41	42	32	42	36	34	51	43	42	39	47	42	34	21	34	38	34	38	39	46	54	48				39.1
	MIN	12	1	8	28	24	28	9	30	12	20	26	12	25	24	33	13	23	28	13	4	8	14	18	30	12	11	18	20				18.0
MILLVILLE	MAX	42	29	25	50	43	48	42	45	51	48	57	42	39	50	56	47	45	53	49	28	27	41	45	46	45	40	50	52				44.1
	MIN	18	8	9	16	34	28	16	18	29	31	41	20	21	36	39	24	26	31	26	12	12		27	31	21	21	24	26				23.9
MOORESTOWN	MAX	27	26	42	52	46	37	44	48	33	58	55	37	52	45	47	43	50	42	28	24	38	44	37	42	39	51	52	53				42.6
	MIN	15	9	12	31	32	23	17	26	24	29	24	17	33	36	26	21	27	28	13	9	17	25	24	25	18	19	25	28				22.6
MORRIS PLAINS	MAX	35	25	26	39	49	45	34	41	41	33	42	36	34	52	42	42	40	48	41	24	22	33	37	38	35	40	47	54				38.4
	MIN	13	4	6	13	29	29	10	19	14	14	33	14	20	26	31	15	19	30	20	5	6	15	17	28	14	14	20	27				18.0
NEWARK WB AIRPORT	MAX	26	28	42	48	49	39	44	44	32	43	41	35	52	41	45	43	51	44	32	23	35	39	37	40	42	43	51	46				40.5
	MIN	13	8	13	33	34	21	17	24	18	31	23	18	30	33	29	24	30	32	11	8	15	20	25	23	18	23	29	33				22.7
NEW BRUNSWICK EXP STA	MAX	33	26	49	50	46	45	42	45	39	45	42	35	48	48	44	42	50	49	43	20	35	39	39	40	39	46	50	50				42.1
	MIN	15	5	9	30	32	32	15	34	18	21	28	15	27	33	34	21	28	33	19	6	13	16	20	32	15	18	22	30				22.2
NEWTON	MAX	31	22	26	39	46	43	34	41	41	34	40	36	33	49	42	41	39	46	36	20	18	31	35	37	32	38	47	52				36.8
	MIN	12	1	4	9	20	28	8	9	10	11	33	11	15	22	28	12	19	30	18	4	6	14	16	22	7	12	19	22				15.1
PATERSON	MAX	35	24	26	42	51	47	39	46	45	36	42	40	37	50	45	42	41	51	44	26	24	26	36	40	34	41	46	55				39.7
	MIN	18	5	7	16	30	34	14	22	14	16	34	15	17	30	35	20	24	31	21	6	7	15	20	29	15	17	25	29				20.2
PEMBERTON 3 E	MAX	33	26	43	53	46	43	44	51	39	58	59	39	49	47	49	46	52	48	40	23	38	45	43	45	39	52	53	55				44.9
	MIN	15	7	7	32	32	29	12	34	25	31	32	15	27	37	36	18	24	35	22	9	9	18	17	30	16	16	25	28				22.8
PHILLIPSBURG	MAX	40	28	41	46	47	48	44	48	42	38	44	35	43	42	44	42	50	50	38	22	36	42	40	40	40	50	53	54				42.4
	MIN	14	6	6	34	31	33	6	41	22	25	31	18	28	35	37	20	28	36	20	6	14	19	21	31	15	19	24	26				23.1
PLAINFIELD	MAX	28	28	41	45	48	38	43	46	31	42	40	36	50	45	42	43	50	45	34	23	37	40	36	39	40	48	54	45				40.6
	MIN	15	6	10	31	30	31	13	31	18	24	27	16	27	31	35	20	27	34	22	7	13	18	20	33	16	18	23	30				22.4
RIDGEFIELD	MAX	26	27	48	48	48	39	35	44	31	41	37	34	50	37	43	45	50	44	30	22	35	35	34	39	40	47	52	47				39.6
	MIN	14	6	13	30	32	20	16	24	17	30	21	17	29	30	28	22	29	30	9	8	13	18	22	21	16	21	27	31				21.2

See Reference Notes Following Station Index

DAILY TEMPERATURES

Station		Day Of Month																												Average
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
SANDY HOOK L8STA	MAX	50	47	48	45	46	48	39	43	44	44	42	42	40	45	50	50	51	50	49	32	39	36	45	44	43	45	45	57				45.0
	MIN	16	8	8	32	34	33	17	25	20	22	22	19	23	27	36	26	30	35	23	7	16	20	27	32	17	24	23	31				23.3
SHILOH	MAX	35	25	37	48	48	39	43	49	40	55	56	35	50	50	42	44	51	46	40	24	40	45	39	45	38	49	50	54				43.5
	MIN	19	9	13	32	32	32	18	34	28	33	32	19	28	37	39	23	29	35	23	10	16	21	28	36	20	22	27	27				25.8
SOMERVILLE	MAX	28	25	40	45	45	37	43	44	29	41	41	34	48	45	42	42	49	43	37	20	35	39	33	39	38	49	53	45				39.6
	MIN	14	4	5	31	31	28	13	28	19	20	26	14	26	30	32	18	24	32	18	6	13	11	17	30	13	13	20	23				20.0
SUSSEX 3 N	MAX	32	22	27	40	44	44	33	41	42	33	37	37	34	48	41	41	38	46	37	20	18	32	33	39	31	38	42	51				36.5
	MIN	10	0	0	8	25	26	10	10	7	7	32	12	12	27	25	15	15	30	17	2	2	11	12	19	10	10	14	24				14.0
TRENTON 2	MAX	23	23	38	41	44	36	40	43	27	48	41	32	47	39	41	42	48	40	31	19	34	38	34	39	36	47	49	49				38.2
	MIN	14	5	12	30	30	22	17	24	21	27	23	14	27	34	27	20	28	31	12	6	13	21	22	24	15	20	25	29				21.2
TRENTON W8 CITY	MAX	24	26	41	46	48	40	43	48	30	53	48	36	52	42	44	42	50	43	29	20	36	41	38	41	39	50	52	50				41.1
	MIN	14	7	16	33	34	24	20	26	22	30	24	18	30	36	29	25	31	29	13	7	16	24	27	25	19	25	28	29				23.6
TUCKERTON	MAX																																
	MIN																																
WOODSTOWN	MAX	33	28	40	49	47	42	44	48	39	57	59	37	52	50	49	44	52	48	43	24	40	45	40	44	39	50	52	55				44.6
	MIN	18	10	11	31	32	29	17	36	27	27	33	19	28	37	39	22	27	35	22	9	15	17	23	34	20	20	25	26				24.6

DAILY SOIL TEMPERATURES

Station And Depth		Day of month																														Average
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
NEW BRUNSWICK EXP STATION																																	
MEASURED UNDER SOD																																	
1 INCH	MAX	33	31	31	31	34	32	32	33	30	31	31	32	31	31	31	32	32	33	31	30	30	32	31	-	31	33	33	33				31.6
	MIN	30	28	26	30	30	30	29	30	29	30	30	30	30	30	30	30	31	31	30	28	28	28	29	-	30	30	30	31				29.6
2 INCHES	MAX	32	31	30	31	31	31	31	31	30	31	31	31	31	31	31	31	33	34	32	31	30	31	31	-	31	31	31	31				30.8
	MIN	31	29	28	30	30	30	30	30	30	30	30	30	30	30	30	30	31	31	31	30	29	29	30	-	30	30	31	31				30.0
4 INCHES	MAX	32	31	30	31	31	31	31	31	30	31	31	31	31	31	31	31	32	34	32	31	30	31	31	-	31	31	31	31				31.1
	MIN	31	30	28	30	30	30	30	30	30	30	30	30	30	31	31	30	31	31	31	30	30	29	30	-	30	30	31	31				30.2
8 INCHES	MAX	34	33	32	32	32	32	31	32	32	32	32	32	32	32	32	32	32	33	33	32	32	32	32	-	32	32	32	32				32.2
	MIN	33	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	32	32	32	31	31	31	-	31	31	32	32				31.2
16 INCHES	MAX	36	34	33	33	33	33	33	33	33	33	33	33	33	33	33	33	33	33	34	34	33	33	33	-	33	33	33	33				33.2
	MIN	34	33	32	32	32	33	33	32	32	32	32	32	33	33	33	32	32	33	33	33	32	32	32	-	32	32	33	33				32.4
32 INCHES	MAX	37	36	35	35	35	34	34	35	34	34	35	35	34	34	34	34	34	35	35	35	34	35	35	-	35	34	34	34				34.6
	MIN	35	34	34	34	34	34	34	34	34	34	34	34	34	34	34	34	34	34	34	34	34	34	34	-	34	34	34	34				34.0

Measured under Kentucky Bluegrass. Instrumentation: Copper-constantan Thermocouples connected to a Brown Electronik Potentiometer.

See Reference Notes Following Station Index

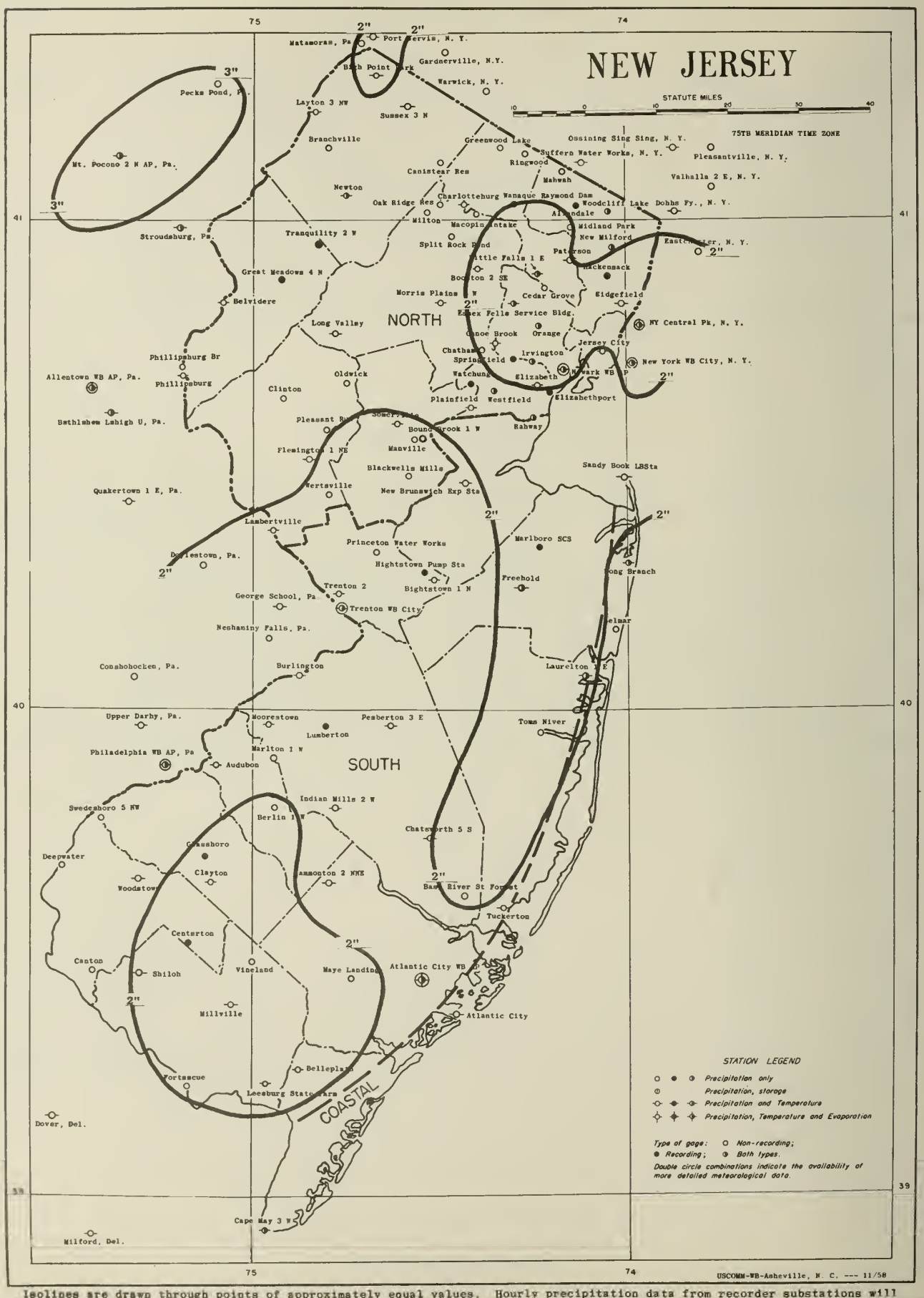
SNOWFALL AND SNOW ON GROUND

Station		Day of month																												
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
ATLANTIC CITY WB AIRPORT	SNOWFALL						T			T										T				T							
	SN ON GND																															
	WTR EQUIV																															
ATLANTIC CITY	SNOWFALL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
	SN ON GND	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
BASS RIVER ST FOREST	SNOWFALL									T																						
	SN ON GND																															
BELVIDERE	SNOWFALL				T					.1	.2	T								T				.1								
	SN ON GND									T	T	T	T	T										T	T	T	T	T				
CHARLOTTEBURG	SNOWFALL										1.0		.5												1.0							
	SN ON GND										1														1	1						
CLAYTON	SNOWFALL						T			T		T			T					T				T								
	SN ON GND																															
FLEMINGTON 1 NE	SNOWFALL				T					.8		.1								T				1.0								
	SN ON GND									1														1								
FREEHOLD	SNOWFALL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
	SN ON GND	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
HIGHTSTOWN 1 N	SNOWFALL									.3		T								T				T								
	SN ON GND									T																						
INDIAN MILLS 2 W	SNOWFALL						T			T										T												
	SN ON GND																															
LAMBERTVILLE	SNOWFALL									T										T				T								
	SN ON GND									T														T								
LAURELTON 1 E	SNOWFALL						T			T		T																				
	SN ON GND						T																									
LAYTON 3 NW	SNOWFALL									.2														.3								
	SN ON GND																															
LITTLE FALLS 1 E	SNOWFALL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
	SN ON GND	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
LONG BRANCH	SNOWFALL						T			.2		T																				
	SN ON GND																															
LONG VALLEY	SNOWFALL									1.0														1.0								
	SN ON GND									-	-													-	-							
MAYS LANDING	SNOWFALL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
	SN ON GND	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
MILLVILLE	SNOWFALL						T			T										T												
	SN ON GND																															
MOORESTOWN	SNOWFALL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
	SN ON GND	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
MORRIS PLAINS	SNOWFALL	T									.3	T	T												.5							
	SN ON GND																															
NEWARK WB AIRPORT	SNOWFALL									.6		T												.4								
	SN ON GND										1																					
	WTR EQUIV																															
NEW BRUNSWICK EXP STA	SNOWFALL									T		T												T								
	SN ON GND									T																						
NEWTON	SNOWFALL				T						1.0			T											T							
	SN ON GND				T						1	T		T											T	T						
PATERSON	SNOWFALL										1.0		T												.1							
	SN ON GND										1														T							
PEMBERTON 3 E	SNOWFALL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
	SN ON GND	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
PHILLIPSBURG	SNOWFALL									T																						
	SN ON GND									T																						
PLAINFIELD	SNOWFALL									.5		T												.5								
	SN ON GND																															
RAHWAY	SNOWFALL										T													T								
	SN ON GND										T																					
RIDGEFIELD	SNOWFALL									.2		T												.3								
	SN ON GND									T														T								
SOMERVILLE	SNOWFALL									.2		T												.3								
	SN ON GND																							T								
TRENTON WB CITY	SNOWFALL			T	.1					.6	.1									T				.3								
	SN ON GND										T																					
WANAQUE RAYMOND DAM	SNOWFALL																								-							
	SN ON GND																															

See reference notes following Station Index.

TOTAL PRECIPITATION

NEW JERSEY
FEBRUARY 1959

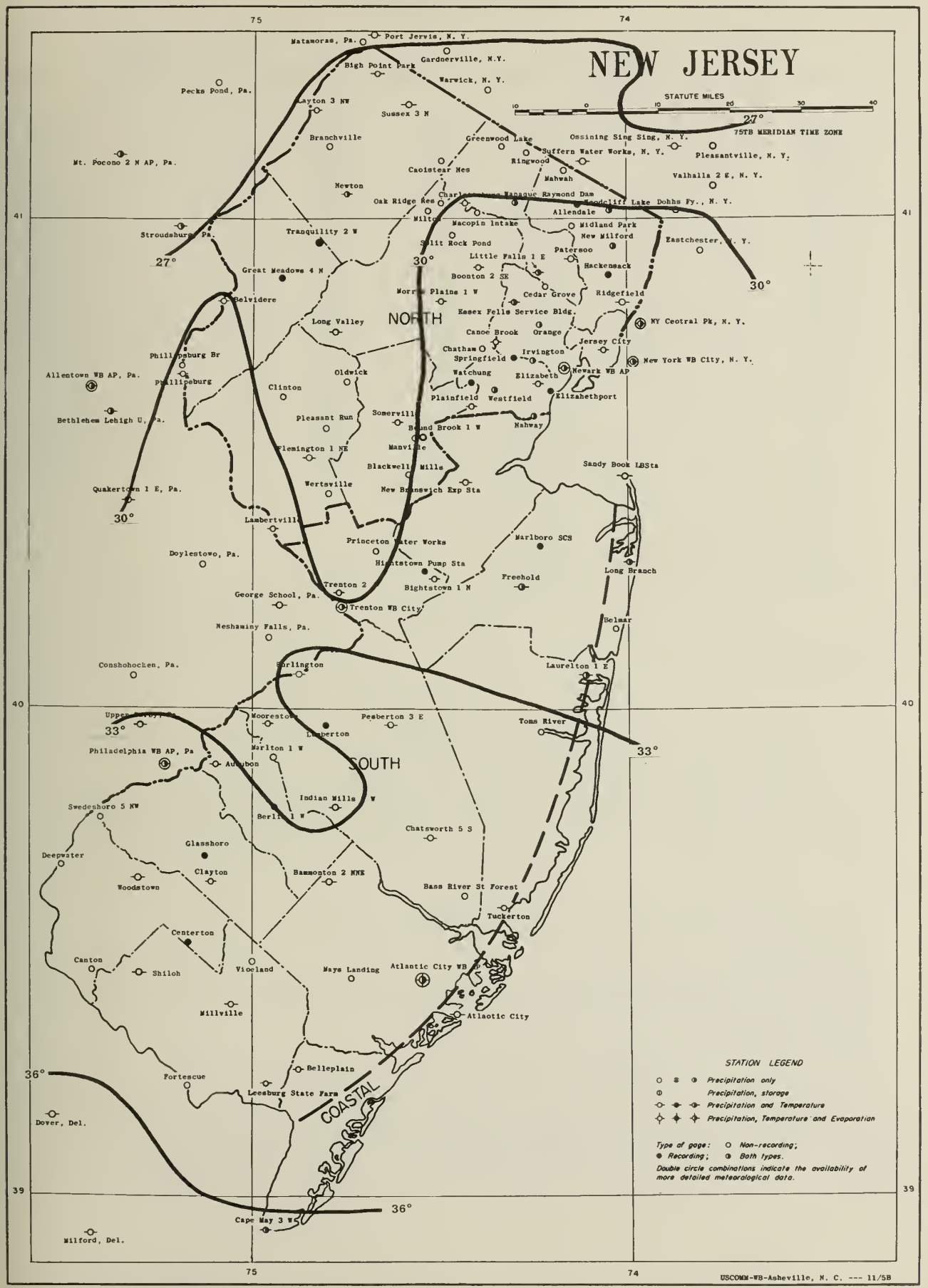


USCOMM-WB-Asheville, N. C. --- 11/58

Isolines are drawn through points of approximately equal values. Hourly precipitation data from recorder substations will be available in the publication "Hourly Precipitation Data".

AVERAGE TEMPERATURE

NEW JERSEY
FEBRUARY 1959



Isolines are drawn through points of approximately equal values. Hourly precipitation data from recorder substations will be available in the publication "Hourly Precipitation Data".

STATION INDEX

STATION	INDEX NO.	COUNTY	DRAINAGE ‡	LATITUDE	LONGITUDE	ELEVATION	OBSERVATION TIME AND TABLES: TEMP.	PRECIP.	EVAP.	SPECIAL (SEE NOTES)	OBSERVER
ALLENDALE	0100	BERGEN	8	41 02	74 08	270				C	BERGEN COUNTY ENGS
ATLANTIC CITY WB AP	0311	ATLANTIC	1	39 27	74 35	58	M1D	M1D	7P	C HJ	U.S. WEATHER BUREAU
# ATLANTIC CITY	0325	ATLANTIC	1	39 23	74 26	10	M1D	M1D		H	STATE MARINA
AUDUBON	0346	CAMDEN	2	39 54	75 04	50	11P	11P			IRVIN J. NYGREN
BASS RIVER ST FOREST	0528	BURLINGTON	1	39 37	74 26	20		6P		H	N.Y. FORESTRY SVC
BELLEPLAIN	0690	CAPE MAY	1	39 16	74 52	49	5P	5P			MRS. ED C. HOFFMAN
BELMAR	0721	MONMOUTH	1	40 10	74 02	19		INACTIVE 1/58			CLEMENT HAUPT
BELVIDERE	0729	WARREN	2	40 50	75 05	275	5P	5P		H	SAMUEL H. MC CULLEY
BERLIN 1 W	0787	CAMDEN	7	39 48	74 57	150		7A			HENRY M. MILLER
BLACKWELLS MILLS	0847	SOMERSET	10	40 29	74 35	27		7A			
BOONTON 2 SE	0907	MORRIS	8	40 54	74 24	280	8A	8A			JERSEY CITY WTR WKS
BOUND BROOK 1 W	0927	SOMERSET	10	40 33	74 33	20		8A			AMERICAN CYANAMID CO
BRANCHVILLE	0978	SUSSEX	2	41 09	74 45	570		7A			ALBERT M. DAVENPORT
BURLINGTON	1211	BURLINGTON	2	40 04	74 53	12	6P	6P			PUBLIC SVC E + G CO
CANISTEAR RESERVOIR	1327	SUSSEX	8	41 07	74 30	1040		8A			NEWARK WATER DEPT
CANOE BROOK	1335	ESSEX	8	40 45	74 21	180	9A	9A	9A		COMMONWEALTH WTR CO
CANTON	1343	SALEM	2	39 28	75 25	20		9A			GERTRUDE S. WILLIS
CAPE MAY 3 W	1351	CAPE MAY	1	38 56	74 57	17	5P	5P		C	N.WEST MAGNESITE CO
CEDAR GROVE	1472	ESSEX	8	40 52	74 13	400		8A			J. A. PLUNKETT
CENTERTON	1512	SALEM	6	39 31	75 10	80				C	JOHN HOPKINS UNI.
CHARLOTTEBURG	1582	PASSAIC	8	41 03	74 26	760	7A	7A		H	NEWARK WATER DEPT
CHATHAM	1590	MORRIS	8	40 44	74 23	185		8A			EDWARD P. MOLITOR
CHATSWORTH 5 S	1598	BURLINGTON	1	39 44	74 32	90	5P	5P			INACTIVE 5/58
CLAYTON	1708	GLOUCESTER	6	39 39	75 06	120	6P	6P		H	HARRY P. CAMPBELL
CLINTON	1749	HUNTERDON	10	40 38	74 55	300		6P			L. W. KLOCKNER
DEEPWATER	2209	SALEM	2	39 41	75 30	12		M1D			DU PONT DE NEMOURS
ELIZABETH	2644	UNION	1	40 40	74 14	33	5P	5P			UNION CO PARK COMM
ELIZABETHPORT	2652	UNION	8	40 39	74 12	30		M1D		C	SEWAGE TREATMENT PL
ESSEX FELLS SERV BLDG	2768	ESSEX	8	40 50	74 18	250	8A	8A		C	BOROUGH ESSEX FELLS
FLEMINGTON 1 NE	3029	HUNTERDON	10	40 31	74 51	134	5P	5P		H	DONALD YOUNG
FORTESCUE	3102	CUMBERLAND	2	39 14	75 10	5		7A			JOHN LOPER
FREEHOLD	3181	MONMOUTH	10	40 15	74 17	194	6P	6P		C H	FRANK J. MOREAU
GLASSBORO	3291	GLOUCESTER	2	39 42	75 07	150				C	PROF. J. B. SANGREE
GREAT MEADOWS 4 N	3416	WARREN	2	40 56	74 55	540				C	GAMMA CHEMICAL CORP.
GREENWOOD LAKE	3516	PASSAIC	8	41 09	74 20	660		7A			GEORGE T. WIGGINS
HACKENSACK	3572	BERGEN	4	40 53	74 03	10				C	BERGEN COUNTY ENGS
HAMMONTON 2 NNE	3662	ATLANTIC	7	39 39	74 48	85	8A	8A			W. HUBBARD PARKHURST
HIGH POINT PARK	3935	SUSSEX	2	41 18	74 40	1570	8A	8A			N. J. DEPT. OF CONS.
HIGHTSTOWN 1 N	3951	MERCER	10	40 16	74 31	100	8P	8P		H	JAMES R. PICKERING
HIGHTSTOWN PUMPING STA	3956	MERCER	10	40 17	74 32	75				C	DEPT WATER + SEWAGE
INDIAN MILLS 2 W	4229	BURLINGTON	7	39 48	74 47	100	7P	7P		H	EDWARD ENTWISTLE
IRVINGTON	4260	ESSEX	1	40 43	74 15	120		M1D		C	JOINT MEETING GARAGE
JERSEY CITY	4339	HUDSON	1	40 44	74 04	135	M1D	M1D			JERSEY CITY WTR DEPT
LAMBERTVILLE	4635	HUNTERDON	2	40 22	74 57	75	6P	6P		H	L. L. CASE
LAURELTON 1 E	4700	OCEAN	1	40 04	74 07	20	M1D	M1D		C H	GEORGE G. WADDILL
LAYTON 3 NW	4735	SUSSEX	2	41 15	74 51	480	6P	6P		H	A. M. DEPUE
LEESBURG STATE FARM	4762	CUMBERLAND	6	39 14	74 58	10	4P	4P			LEESBURG STATE FARM
LITTLE FALLS 1 E	4887	PASSAIC	8	40 53	74 14	157	9A	9A		C H	PASSAIC VLY WTR COMM
LONG BRANCH 1	4987	MONMOUTH	1	40 18	73 59	34	M1D	M1D		C HJ	WILLIAM W. MARTIN, JR.
LONG VALLEY	5003	MORRIS	10	40 48	74 46	660	6P	6P		H	ARTHUR BARKMAN
LUMBERTON	5055	BURLINGTON	2	39 58	74 48	25				C	JAMES LAWTON
MACOPIN INTAKE	5071	PASSAIC	8	41 01	74 24	584		9A			NEWARK WATER DEPT
MAHWAH	5104	BERGEN	8	41 06	74 10	253		7A			ROBERT G. GLASGOW
MANVILLE	5197	SOMERSET	10	40 33	74 34	50		M1D			JOHN L. RADCLIFFE
MARLBORO SCS	5244	MONMOUTH	1	40 20	74 14	120				C	GEROW BRILL
MARLTON 1 W	5252	BURLINGTON	2	39 54	74 57	90			6P		DAVID GRISCOM
MAYS LANDING	5346	ATLANTIC	3	39 27	74 44	50			5P	H	ELMER EARLE
MIDLAND PARK	5503	BERGEN	1	40 59	74 09	210			M1D		RIDGEWOOD WATER CO.
MILLVILLE	5576	CUMBERLAND	6	39 24	75 03	60	8A		8A	C H	L. J. GALLAHER
MILTON	5597	MORRIS	8	41 01	74 32	950			7A		JERSEY CITY WTR WKS
MOORESTOWN	5728	BURLINGTON	2	39 58	74 58	55	M1D		8A		M. J. WILLARD
MORRIS PLAINS	5769	MORRIS	8	40 50	74 30	500	8A		8A	H	JAMES C. LONG
NEWARK WB AIRPORT	6026	ESSEX	1	40 42	74 10	11	M1D		M1D	C HJ	U. S. WEATHER BUREAU
NEW BRUNSWICK EXP STA	6062	MIDDLESEX	10	40 28	74 26	80	5P		5P	GH	ARTHUR H. AHLQUIST
NEW MILFORD	6146	BERGEN	4	40 57	74 02	12			M1D	C	HACKENSACK WATER CO
NEWTON	6177	SUSSEX	2	41 03	74 45	565	8A		8A	C H	NEWTON WTR SWR COMM
OAK RIDGE RESERVOIR	6460	PASSAIC	8	41 02	74 30	870			8A		NEWARK WATER DEPT
OLDWICK	6544	HUNTERDON	10	40 40	74 45	260			8A		DAN A. COUGHLIN
ORANGE	6560	ESSEX	8	40 47	74 14	140			M1D	C	COUNTY ENGINEER
PATERSON	6775	PASSAIC	8	40 55	74 09	100	8A		8A	H	P. J. DEL VECCHIO
PEMBERTON 3 E	6843	BURLINGTON	2	39 58	74 38	60	5P		5P	H	CHARLES A. DOEHLERT
PHILLIPSBURG	6974	WARREN	2	40 41	75 12	182	3P		3P	M	SEWAGE DISPOSAL PLT
PHILLIPSBURG BRIDGE	6979	WARREN	2	40 42	75 12	196			9A		JOINT TOLL BRDGE COM
PLAINFIELD	7079	UNION	10	40 36	74 25	120	8P		8P	H	MRS VIVIAN SCHERER
PLEASANT RUN	7123	HUNTERDON	10	40 34	74 48	140			7A		JOHN M. BERRYMAN
PRINCETON WATER WORKS	7328	MERCER	10	40 19	74 40	90			M1D		PRINCETON WATER CO
RAHWAY	7393	UNION	9	40 36	74 15	20			M1D	C H	RAHWAY VLY SWG AUTH
RIDGEFIELD	7545	BERGEN	4	40 50	74 01	80	M1D		M1D	H	GEORGE P. KIRSTEN
RINGWOOD	7587	PASSAIC	8	41 08	74 16	305			10A		NO JERSEY WTR SUPPLY
SANDY HOOK LBSTA	7869	MONMOUTH	1	40 28	74 01	22	7P		7P		U. S. COAST GUARD
SHILOH	8051	CUMBERLAND	2	39 28	75 18	120	5P		5P		EVERETT DICKINSON
SOMERVILLE	8194	SOMERSET	10	40 34	74 37	75	6P		6P	H	W. E. HAVER
SPLIT ROCK POND	8402	MORRIS	8	40 58	74 28	800			10A		JERSEY CITY O P W
SPRINGFIELD	8423	UNION	1	40 43	74 18	—				C	N.J. DEPT OF CONS
SUSSEX 3 N	8644	SUSSEX	5	41 14	74 35	530	7A		7A		BRICE B. STANTON
SWEDESBORO 5 NW	8685	GLOUCESTER	2	39 47	75 24	10			12N		SUN OIL CO
TOMS RIVER	8816	OCEAN	1	39 57	74 14	10			5P		ROBERT F. SNYDER
TRANQUILITY 2 W	8858	WARREN	2	40 57	74 50	591				C	H. J. ERVEY
TRENTON 2	8878	MERCER	2	40 14	74 46	105	M1D	M1D			E. H. RISLOW
# TRENTON WB CITY	8883	MERCER	2	40 13	74 46	56	M1D	M1D		C HJ	U.S. WEATHER BUREAU
TUCKERTON	8899	OCEAN	1	39 36	74 20	10	6P	6P			REV EDWARD O. MCGILL
VINELAND	9135	CUMBERLAND	6	39 29	75 00	110			8A		STATE HOME FOR WOMEN
WANAQUE RAYMOND DAM	9187	PASSAIC	8	41 03	74 18	320			8A	C H	WATER SUPPLY COMM
WATCHUNG	9271	UNION	8	40 40	74 25	—				C	BONNIE BURN SAN.
WERTSVILLE	9363	HUNTERDON	10	40 27	74 48	160			7A		ROBERT M. MANNERS
# WESTFIELD	9455	UNION	9	40 39	74 21	138			5P	C	CITY ENGINEER
WOODCLIFF LAKE	9832	BERGEN	4	41 01	74 03	103			M1D	C	HACKENSACK WATER CO
WOODSTOWN	9910	SALEM	2	39 39	75 19	50	5P		5P		CREAM VALLEY DAIRY

‡ 1-COASTAL; 2-DELAWARE; 3-GREAT EGG HARBOR; 4-HACKENSACK; 5-HUDSON; 6-MAURICE; 7-MULLICA; 8-PASSAIC; 9-RAHWAY; 10-RARITAN; 11-ROCKAWAY

REFERENCE NOTES

Additional information regarding the climate of New Jersey may be obtained by writing to the State Climatologist at Weather Bureau Office, c/o General Delivery, Trenton, New Jersey or to any Weather Bureau Office near you.

Figures and letters following the station name, such as 12 SSW, indicate distance in miles and direction from the post office.

Delayed data and corrections will be carried only in the June and December issues of this bulletin.

Monthly and seasonal snowfall and heating degrees for the preceding 12 months will be carried in the June issue of this bulletin.

Stations appearing in the Index, but for which data are not listed in the tables, either are missing or were received too late to be included in this issue.

Divisions, as used in "Climatological Data: Table and on the maps, became effective with data for September 1958.

Unless otherwise indicated, dimensional units used in this bulletin are: Temperature in °F, precipitation and evaporation in inches and wind movement in miles. Monthly degree day totals are the sums of the negative departures of average daily temperatures from 65° F.

Evaporation is measured in the standard Weather Bureau type pan of 4 foot diameter unless otherwise shown by footnote following the "Evaporation and Wind" Table. Max and Min in "Evaporation and Wind" Table refer to extremes of temperature of water in pan as recorded during 24 hours ending at time of observation.

Long-term means for full-time stations (those shown in the Station Index as "U. S. Weather Bureau") are based on the period 1921-1950, adjusted to represent observations taken at the present location. Long-term means for all stations except full-time Weather Bureau stations are based on the period 1931-1955.

Water equivalent values published in the "Snowfall and Snow on Ground" Table are the water equivalent of snow, sleet, or ice on the ground. Samples for obtaining measurements are taken from different points for successive observations; consequently occasional drifting and other causes of local variability in the snowpack may result in apparent inconsistencies in the record.

Entries of snowfall in the "Climatological Data" Table and the "Snowfall and Snow on Ground" Table, and in the "Seasonal Snowfall" Table include snow and sleet. Entries of snow on ground include snow, sleet and ice.

Data in the "Daily Precipitation" Table; "Daily Temperature" Table; and "Evaporation and Wind" Table, and snowfall in the "Snowfall and Snow on Ground" Table, when published, are for the 24 hours ending at time of observation. The Station Index shown observation times in local standard time. During the summer months some observers take the observations on daylight saving time.

Snow on ground in the "Snowfall and Snow on Ground" Table is at observation time for all except Weather Bureau and CAA stations. For these stations snow on ground values are at 7:00 a.m., E.S.T.

No record in the "Climatological Data" Table and the "Daily Temperature" Table is indicated by no entry.

Interpolated values for monthly precipitation totals may be found in the annual issue of this publication.

-	No record in the "Daily Precipitation" Table; "Evaporation and Wind" Table; "Snowfall and Snow on Ground" Table; and the Station Index.
+	And also on an earlier date or dates.
++	Fastest observed one minute wind speed. This stations is not equipped with automatic wind instruments.
*	Amount included in following measurement, time distribution unknown.
#	Thermometers are generally exposed in a shelter located a few feet above sod-covered ground; however, the reference indicates that the thermometers are exposed in a shelter located on the roof of a building.
//	Gage is equipped with a windshield.
AR	This entry in time of observation column in Station Index means after rain.
AN	Data based on observational day ending before noon.
E	Adjusted to a full month.
D	Water equivalent of snowfall wholly or partly estimated, using a ratio of 1 inch water equivalent to every 10 inches of new snowfall.
M	One or more days of record missing; if average value is entered, less than 10 days record is missing. See "Daily Temperature" Table for detailed daily record. Degree day data, if carried for this station, have been adjusted to represent the value for a full month.
R	Amounts from recording gage. (These amounts are essentially accurate but may vary slightly from the amounts to be published later in Hourly Precipitation Data.)
SS	This entry in time of observation column in Station Index means observation made near sunset.
T	Trace, an amount too small to measure.
Y	Includes total for previous month.
X	Observation time is 1:00 a.m., E.S.T. of the following day.
WAR	This entry in time of observation column in Station Index means variable.

In the Station Index the letters C, G, H, and J in the "Special" column under the heading "Observation Time and Tables", indicate the following:

C	Weighing Rain Gage Recording Station. Hourly precipitation values are processed for special purposes, and are published later in "Hourly Precipitation Data" Bulletin.
G	"Soil Temperature" Table.
S	"Snowfall and Snow on Ground" Table. Omission of data in any month indicates no snowfall and/or snow on ground in that month.
J	"Supplemental Data" Table.

Information concerning the history of changes in locations, elevations, exposure etc. of substations through 1955 may be found in the publication "Substation History" for this state. That publication may be obtained from the Superintendent of Documents, Government Printing Office, Washington 25, D. C. for 15 cents. Similar information for regular Weather Bureau stations may be found in the latest annual issue of Local Climatological Data for the respective stations, obtained as indicated above, price 15 cents.

General weather conditions in the U. S. for each month are described in the publications MONTHLY WEATHER REVIEW and the monthly CLIMATOLOGICAL DATA, NATIONAL SUMMARY, either of which may be obtained from the Superintendent of Documents, Government Printing Office, Washington 25, D. C.

Subscription Price: 20 cents per copy, monthly and annual; $2.50 per year. (Yearly subscription includes the Annual Summary). Checks, and money orders should be made payable to the Superintendent of Documents. Remittance and correspondence regarding subscriptions should be sent to the Superintendent of Documents, Government Printing Office, Washington 25, D. C.

USCOMM-WB-Asheville, N. C. --- 4/8/59 --- 775

551.05
UNNJ
cop.1

U. S. DEPARTMENT OF COMMERCE
LEWIS L. STRAUSS, Secretary
WEATHER BUREAU
F. W. REICHELDERFER, Chief

CLIMATOLOGICAL DATA

NEW JERSEY

MARCH 1959
Volume LXIV No. 3



THE LIBRARY OF THE
MAY 22 1959
UNIVERSITY OF ILLINOIS

ASHEVILLE: 1959

NEW JERSEY - MARCH 1959

TEMPERATURE AND PRECIPITATION EXTREMES

Highest Temperature: 79° on the 25th at Pemberton 3 E

Lowest Temperature: 8° on the 29+ at High Point Park

Greatest Total Precipitation: 5.55 inches at Clayton

Least Total Precipitation: 2.34 inches at High Point Park

Greatest One-Day Precipitation: 2.70 inches on the 6th at Clayton

Greatest Reported Total Snowfall: 14.5 inches at Layton 3 NW

Greatest Reported Depth of Snow on Ground: 11 inches on the 13th at Charlotteburg and Macopin Intake

CLIMATOLOGICAL DATA

Station		Temperature													Precipitation									
											No. of Days								Snow, Sleet			No. of Days		
											Max		Min											
		Average Maximum	Average Minimum	Average	Departure From Long Term Means	Highest	Date	Lowest	Date	Degree Days	90° or Above	32° or Below	32° or Below	0° or Below	Total	Departure From Long Term Means	Greatest Day	Date	Total	Max Depth on Ground	Date	.10 or More	.50 or More	1.00 or More
NORTHERN																								
BELVIDERE		51.1	26.9	39.0	- .7	70	21+	15	29	799	0	0	23	0	3.19	- 1.05	1.17	6	6.2	6	12	7	2	1
BOONTON 2 SE	AM	46.7	26.9	36.8	- .9	67	21	17	29	870	0	2	26	0	3.60	- .41	.98	6				8	3	0
CANOE BROOK	AM	48.5	26.2	37.4	- .5	71	21	15	29	851	0	0	26	0	4.22	- .14	1.32	6	8.5	6	12	8	4	1
CHARLOTTEBURG	AM	45.9	22.8	34.4	- 2.9	69	21	14	29	942	0	3	31	0	4.61	.02	1.12	7	13.8	11	13	8	3	2
ELIZABETH		52.2M	29.3	40.8M	- .6	73	20	19	29+	749	0	0	21	0	4.03	- .44	1.34	6	6.2	6	12	8	3	1
ESSEX FELLS SERV BLDG	AM	48.1	28.4	38.3		70	22	18	23	823	0	0	25	0	3.87							8	4	1
FLEMINGTON 1 NE		51.6	25.9	38.8	- 2.0	72	20	15	29	806	0	0	26	0	3.71	- .42	1.50	6	11.1	7	12	7	3	1
HIGH POINT PARK	AM	43.5	22.8	33.2		68	21	8	29+	980	0	6	28	0	2.34		.65	6				7	1	0
JERSEY CITY		45.9	30.4	38.2	- 2.1	70	20	19	23	826	0	1	18	0	D 3.51	- .49	.85	6				6	4	0
LAMBERTVILLE		51.9	28.8	40.4	.2	72	25	18	29	759	0	0	22	0	3.64	- .47	1.43	6	5.0	2	13+	7	2	1
LAYTON 3 NW		50.1	23.8	37.0	.7	69	25	12	29	862	0	0	24	0	3.58	.10	1.28	12	14.5	10	13+	7	2	2
LITTLE FALLS 1 E	AM	49.2	28.3	38.8	- .9	74	21	19	29+	807	0	1	21	0	4.69	.29	1.65	6	10.1	7	12	8	3	1
LONG VALLEY		49.5	25.2	37.4		68	20	15	8	849	0	0	25	0	0 4.30	- .05	1.62	6	12.0			7	3	1
MORRIS PLAINS	AM	46.7	26.5	36.6		69	21	17	23+	873	0	2	26	0	3.73		1.02	6	11.4			9	2	1
NEWARK WB AIRPORT	R	49.3	31.3	40.3	- .2	73	20	20	23	761	0	0	18	0	4.09	.31	1.52	6	8.2	4	12	6	3	1
NEWTON	AM	46.4	25.2	35.8	- 1.1	69	26+	12	29	900	0	2	26	0	3.17	- .41	.99	7		6	13	8	2	0
PATERSON	AM	47.8	28.5	38.2	- 1.7	72	21	18	23	822	0	1	23	0	4.34	- .12	1.22	6	8.1	7	12	8	4	1
PHILLIPSBURG		54.5	28.6	41.6	2.3	74	21	18	29	721	0	0	24	0	2.60	- 1.64	1.00	12	4.0	4	13+	4	3	1
PLAINFIELD		50.9	28.9	39.9	- .3	72	20	18	29	772	0	0	20	0	5.11	.82	1.92	6	7.5			8	4	2
RIDGEFIELD		48.8	29.9	39.4	- .3	73	20	19	23	786	0	1	20	0	4.12	- .39	1.10	12+	12.1	6	12	7	3	2
SOMERVILLE		50.0	28.1	39.1	- .9	70	20	15	29	799	0	0	23	0	3.71	- .37	1.60	6	6.0	3	12	6	3	1
SUSSEX 3 N	//AM	45.5	23.6	34.6	- 3.3	70	21	12	29	939	0	3	28	0	3.10	- .53	.76	7	10.0	8	14+	9	2	0
DIVISION				38.0	- 1.0										3.78	- .41			9.1					
SOUTHERN																								
ATLANTIC CITY WB AP		50.2	31.5	40.9	- .6	69	24+	18	23	740	0	0	17	0	3.84	.49	1.10	6	T	T	28+	6	3	2
AUDUBON		52.5	30.6	41.6		76	25	22	29	722	0	0	18	0	3.44		1.15	6	1.0	1	11	6	4	1
BELLEPLAIN		54.4	30.9	42.7		74	26+	19	29+	686	0	0	18	0	3.87	- .44	1.00	12				10	4	1
BURLINGTON		53.0	31.3	42.2	- .5	75	25	21	23	699	0	0	19	0	3.58	- .93	1.22	6				8	3	1
CHATSWORTH 5 S																								
CLAYTON		52.9	30.6	41.8		76	25	22	29+	712	0	0	17	0	5.55		2.70	6	T	0		6	5	1
FREEHOLD		50.1	29.6	39.9	- .5	70	20	18	29+	771	0	0	20	0	5.02	.82	2.10	6	5.8			8	3	2
HAMMONTON 2 NNE	AM	53.0	30.7	41.9	- .5	78	26	18	29	709	0	0	20	0	4.10	- .20	1.28	6				7	3	1
HIGHTSTOWN 1 N		50.7	29.5	40.1	- .6	70	20	19	23	765	0	0	21	0	3.98	.08	1.18	6	5.0	2	12	7	3	1
INDIAN MILLS 2 W		52.4	28.7	40.6	- .7	77	25	15	23	752	0	0	22	0	4.45	.21	1.69	6	T	0		8	3	1
LAURELTON 1 E																								
LEESBURG STATE FARM		54.0	31.6	42.8		72	25	20	29+	679	0	0	16	0	2.88		.84	12				9	2	0
MILLVILLE	AM	52.8	31.4	42.1		76	26	22	23	704	0	0	21	0	3.32		.94	6	T	0		6	3	0
MOORESTOWN		51.2	30.7	41.0	- .1	75	25	20	29	736	0	0	18	0	3.47	- .40	1.00	6	1.7	1	12	8	3	1
NEW BRUNSWICK EXP STA		51.0	29.2	40.1	- .5	70	20	18	29+	765	0	0	20	0	3.46	- .40	1.33	6	5.0	3	12	7	2	1
PEMBERTON 3 E		53.8	28.1	41.0	- 1.3	79	25	18	23	741	0	0	24	0	4.77	1.04	1.63	6				9	3	1
SHILOH		53.3	31.6	42.5	- .3	74	25	21	23	691	0	0	16	0	2.71	- 1.13	1.18	6	.0	0		7	2	1
TRENTON 2		48.3	29.2	38.8		70	25	18	29	805	0	1	21	0	4.57	.16	1.33	6	6.5	1	27+	7	4	1
TRENTON WB CITY	R	50.0	31.5	40.8	- .5	75	25	21	23	744	0	0	18	0	3.80	.60	1.03	6	5.2	3	12	7	4	1
TUCKERTON																								
WOODSTOWN		54.2	30.1	42.2		74	25	20	23	700	0	0	22	0	3.47		1.23	6	T	0		7	2	1
DIVISION				41.3	- .2										3.90	- .16			2.3					
COASTAL																								
ATLANTIC CITY	R	47.2	33.3	40.3	- 1.2	70	24	24	23	759	0	0	16	0	3.94	.41	1.12	12				7	3	1
CAPE MAY 3 W		50.2	35.3	42.8		69	24	24	29	681	0	0	9	0	3.05	.70	6					9	3	0
LONG BRANCH	R	47.0	31.7	39.4	- .8	70	20	21	23	791	0	0	18	0	5.17	.88	1.83	6	5.5	2	10	7	4	2
SANDY HOOK LBSTA																								
DIVISION				40.8	.1										4.05	.19			5.5					

SUPPLEMENTAL DATA

Station	Wind direction		Wind speed m. p. h.				Relative humidity averages - percent				Number of days with precipitation							Percent of possible sunshine	Average sky cover sunrise to sunset
	Prevailing	Percent of time from prevailing	Average	Fastest mile	Direction of fastest mile	Date of fastest mile	1:00 a EST	7:00 a EST	1:00 p EST	7:00 p EST	Trace	.01-.09	.10-.49	.50-.99	1.00-1.99	2.00 and over	Total		
ATLANTIC CITY WB AIRPORT	W	12	14.4	-	-	-	74	78	54	66	6	9	3	1	2	0	21	-	5.4
ATLANTIC CITY	-	-	13.9	60	NW	13	-	-	-	-	-	6	4	2	1	0	-	59	-
LONG BRANCH	NW	17	15.4	58	NW	13	-	74	64ø	62	4	6	3	2	2	0	17	62	5.4
NEWARK WB AIRPORT	WNW	11	11.7	32++	NW	22	65	70	53	59	3	7	3	2	1	0	16	-	5.7
TRENTON WB CITY	-	-	11.2	39	NW	13	-	-	-	-	3	5	3	3	1	0	15	60	5.3

ø 12:00 Noon

See Reference Notes Following Station Index

DAILY PRECIPITATION

Station	Total	Day of month																														
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
ATLANTIC CITY WB AR	3.84	.09		.02	.08	.04	1.10	T		T	.05	T	1.08		T	.08	.01	.01				.12	T			.14	.63	.01		.38	T
ATLANTIC CITY R	3.94	.22		.02	.09	.04	.85				.04		1.12			.05		.02				.14				.14	.72			.49	
AUDUBON	3.44				.10		1.15				T	T	.84	T	T	T		T				.10				T	.65	T		.60	
BASS RIVER ST FOREST	4.78			.10	.12		1.10				.26		1.01				.61					.36					•	•	•	•	1.22
BELLERLAIN	3.87	0.10			.16		.75				.11		1.00			.03							.19				.31	.50		.16	.56
BELVIDERE	3.19				.12		1.17			T	.10	T	.80		T	.01						T	.04	T		T	.25	.12		.47	.02
BERLIN 1 W	5.28						.25	1.75					.35	.60	T												.50	1.18			.65
BLACKWELLS MILLS	3.66				.16		1.04	.58			.15		.36	.33			.04		.06				.16				.04	.14		.03	.57
BOONTON 2 SE	3.60	T			.16	T	.98	.47			.03	.02	.66	.26			.11		T				.02			T	.09	.25		.05	.50
BOUND BROOK 1 W	4.12				.13		1.37	.32			.07	T	.84	.17			T						.12			T	T	.54		.04	.52
BRANCHVILLE	3.19				.20		.46	.63					.61	.40			.06		.03				.11			.01	.21	.32		T	.15
BURLINGTON	3.58				.15		1.22	T			.29		.30			.05		.03					.14				.60	.12		.59	.09
CANISTEAR RESERVOIR	3.99				.15		1.11	.75		T	.07	.02	.72	.24			.07		.07				.07			T	.15	.34		.03	.20
CANOE BROOK	4.22				.18		1.32	.60			.05	.03	.71	.15			.07		T				.05			T	.11	.31		.05	.59
CANTON	-				.04		1.10				.09		-	-	T								.15				.22	.22		.08	.45
CAPE MAY 3 W	3.05	0.22			.10		.70						.55			.02	.01	T	T				.13				.19	.55		.33	.25
CEDAR GROVE	4.45				.23		1.38	.78			.03	.06	.85			.06											.45				.61
CHARLOTTEBURG	4.61				.15		1.03	1.12			.07	.04	.82	.35			.10		.02				.01			T	.09	.45		.03	.33
CHATHAM	4.00				.18		1.32	.72				.11	.46	.22			.11						.08				.12			.08	.60
CHATSWORTH 5 S		RECORD MISSING																														
CLAYTON	5.55				.03		2.70				.31		.51			T	.03	T	T			T	.61				.70	.04		.62	T
CLINTON	3.85				.10		1.32				.06		1.15			T		.03								.01	.32	.23		.60	.03
DEERWATER	2.93			.03	.04	.11	1.00				.05		.67				.03					.08				.06	.43			.46	
ELIZABETH	4.03				.15		1.34				.16	.03	.83			.01	.07		.04			.01	.01				.46	.16		.52	.24
ELIZABETHMRORT	4.00			.02	.12		1.25				.18	.01	1.11			.06		.04				.21					.47			.53	
ESSEX FELLS SERV BLDG	3.87				*		1.40	.70				.15	.75				.10						.05				.21		T	.51	
FLEMINGTON 1 NE	3.71				.14		1.50	T	T		.11	T	.88	T	T		T	T				T	.04			.03	.34	.12		.55	
FORTESCUE	3.06				.10		.85				.03	.04	.76	.14			.03						.12				.15	.34		.04	.46
FREEHOLD	5.02				.15		2.10				.38		1.02			T	.03						.18				.62	.17		.34	
GREENWOOD LAKE	4.29				.22		.87	1.07			.14	.05	.54	.37					.07			.03	.10			.02	.08	.43		.02	.31
HAMMONTON 2 NNE	4.10		.09		.15		1.28	.06			.15		.80		.03		.07	.04									.45	.29		.05	.64
HIGH ROINT PARK	2.34				.18		.65	.23		.20	.06	.03	.25	.07			.02									.05	.14	.25		.05	.08
HIGHTSTOWN 1 N	3.98	T			.15		1.18	T			.24		.77	T	T	T	.01	T				.09	.07				.69	.02		.47	.29
INDIAN HILLS 2 W	4.45				.11		1.69	T			.14		.91		T	.02	T	.06				T	.25				.71	.14		.39	.03
IRVINGTON	4.40			T	.14		1.82				.12	.02	.90			.08		.03				.21				T	.44	.02		.61	.01
JERSEY CITY	D 3.51				.03		.85				.15	0.05	.74			.03	T					.02					.68	D.03		.81	.12
LAMBERTVILLE	3.64				.13		1.43				.07		.85			.02	.02	.02				.10	.03				.29	.18		.48	.02
LAURELTON 1 E		RECORD MISSING																														
LAYTON 3 NW	3.58				.17		1.15			.05	.06		1.28			.02		.01				T				.10	.40	.20		.14	
LEESBURG STATE FARM	2.88	T			.17		.53			-	.10		.84										.13				.18	.44		.18	.31
LITTLE FALLS 1 E	4.69				.21		1.65	.65			.04	.03	.88	.15			.06		.05				.05			T	.11	.24		.08	.49
LONG BRANCH R	5.17	T		.01	.14		1.83	T			.29	.08	1.00		T	.06		.05				.38				T	.78	.02		.52	.01
LONG VALLEY	D 4.30				.20		1.62			.02	.05		0.80			.43		.10					.05				.48			.55	
MACORIN INTAKE	4.43				.16		1.33	.82			.04	.02	.86	.27			.11		.02				.02			T	.10	.35		.05	.28
MAHWAH	4.18				.25		1.06	.99			.05	T	.74	.40			.17		.05							T	.09	.04		.01	.33
MANVILLE	D 4.16				.18		2.12				.15		0.30									.19				.02	.50	T		.70	
MARLTON 1 W	4.00				.17		1.41				.11		.77		.02		.01	.03				.10	.15				.75	.02		.46	
MAYS LANDING	3.31	.05			.20		.95				.10		.90		T	.02	.03		.06			.25					.30	.35		.10	
MIDLAND PARK	4.90			.01	.20		2.34			T	.07		1.10			.09		.14				.05				.01	.39	T		.50	
MILLVILLE	3.32			.08	.02	.10	.94	T		.01	.05	.08	.92		T	.04						.19				.08	.31	T		.50	
MILTON	4.55				.22		1.28	1.02			.15	.03	.50	.48			.11		.03								.25	.16		.07	.25
MOORESTOWN	3.47				.13		1.00	.03			.05	.03	.65	.14	.01		T		.01				.15				.29	.30		.08	.60
MORRIS PLAINS	3.73	T	T		.17	T	1.02	.45			.04	.01	.73	.23	T		.10		.03				.01			T	.23	.17		.06	.48
NEWARK WB AIRPORT R	4.09			.02	.12		1.52	T			.09	.01	.98			.05		.05				.19			T	T	.40	.02		.63	.01
NEW BRUNSWICK EXP STA	3.46			.10			1.33				.23	T	.77		T	T		T				.07				.02	.35	.07		.34	.18
NEW HILFORD	3.42				.16		1.46				.02		.80			.10		.10				.06					.24			.48	
NEWTON	3.17				.14		.59	.99			.05	.02	.42	.16			.01		.04				.05			T	.14	.31		.03	.22
OAK RIDGE RESERVOIR	4.21				.19		1.12	.79		.02	.06	.05	.76	.22					.14				.08				.13	.31		.06	.28
OLDWICK	3.46				.11		.98	.43			.04	T	.67	.14			.02		.01								.23	.29		.11	.43
ORANGE	4.33				.23		1.68	.12			.06		1.01	.01			.07		.05			.05					.75			.30	
PATERSON	4.34				.15		1.22	.74			.04	.01	.80	.05			.09		.01				.03				.23	.22		.25	.50
PEMBERTON 3 E	4.77				.12		1.63				.24		.90			.06							.40				.69	.25		.30	.18
PHILLIPSBURG	2.60						.70						1.00					T										.50		.40	T
PHILLIPSBURG BRIDGE	3.02				.16		.86	.34			.05		.52	.08		.03	T						.18				.10	.25			.45
PLAINFIELD	5.11				.15		1.92				.17		1.27			.05		.03				.10	.17			T	.57			.68	T
PLEASANT RUN	-				.19		.97	-			.09		.34	.08		1.36			.08							T	.45	.04	T	.12	.45
PRINCETON WATER WORKS	3.16			T	.16		.31					.14	1.01			.02						.12				T	.62	.10		.68	
RAHWAY	3.75			T	.12		1.26				.12	.01	1.04		T	.06		.04				.13					.43	.02		.52	
RIDGEFIELD	4.12			.04	.12		1.10				.10	.01	1.10			.02		.08				.30				T	.46	.05		.72	.02
RINGWOOD	3.49				.20		1.16	.16			.05		1.00	.07			.10		.06							T	.25	.19		T	.25
SANDY HOOK LBSTA		RECORD MISSING																														
SMILOM	2.71	T			.07		1.18	T			.12	T	.15		T		T		T				.16				.20	.20		.63	
SOMERVILLE	3.71				.15		1.60				.05		.81			T	.02	.01				.07				T	.28	.14		.58	
SPLIT ROCK POND	2.64				.14		.12	.77			.04	.02	.79	.06			.12		.05									.10		.13	.30
SUSSEX 3N //	3.10				.18		.43	.76		T	.11	.03	.50	.20			.09		.03				.08			.05	.16	.31		T	.17
SWEDESBORO 5 NW	3.26				.03		1.29				.04		.83	T	.01								.02				.35	.18		.18	.33
TOMS RIVER	4.36						1.36				.28		.97														.95	.22		.28	.30
TRENTON 2	4.57				.17		1.33	T			.21	.13	.87		T	.06	.01	.04				.07				.03	.80	.06		.79	T
TRENTON WB CITY R	3.80	T		.01	.12		1.03	T			.13	.24	.75			.04		.04				.07				T	.62	.03		.72	
TUCKERTON		RECORD MISSING																														
VINELAND	3.43				.09		.98	.08			.06	.10	.69	.21	.01		.01		.03				.10				.30	.25		.08	.44
WANAQUE RAYMOND DAM	3.58				.15		1.03	.42			.04	.02	.75	.26			.11		.01							T	.12	.25		.06	.36
WERTSVILLE	3.30				.11		1.23	.15	T		.06	.05	.57	.10	.02	T	T		T				.08			.01	.22	.12		.09	.49
WESTFIELD	4.73			.03	.13		2.05				.17		.93			.10						.18					.49			.65	
WOODCLIFF LAKE	4.39				.23		1.74				.10		1.06			.15		.09				.13					.34			.55	
WOODSTOWN	3.47				.10		1.23						.83		.04	.03	T					.02	.20				.41	.20		.41	

See Reference Notes Following Station Index

DAILY TEMPERATURES

NEW JERSEY
MARCH 1959

Station		Day Of Month																													Average
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
ATLANTIC CITY W8 AP	MAX	42	45	49	52	44	68	44	43	51	45	41	51	40	44	57	53	47	39	57	69	64	42	48	69	66	55	47	39	42	47	56	50.2
	MIN	32	33	28	34	22	43	30	23	36	28	27	30	28	32	36	36	28	28	24	40	42	25	18	34	38	42	34	28	22	37	40	31.5
ATLANTIC CITY	MAX	41	43	47	52	42	63	42	42	46	46	41	48	39	42	50	51	44	38	48	63	54	41	47	70	54	50	48	38	38	45	51	47.2
	MIN	35	33	30	34	29	42	30	26	38	32	29	30	28	32	39	36	32	28	29	42	41	26	24	37	42	41	34	29	25	38	40	33.3
AUDUBON	MAX	53	46	56	53	52	67	45	44	56	45	41	37	40	53	61	56	53	40	59	71	70	37	50	71	76	59	45	39	50	41	61	52.5
	MIN	37	35	26	27	29	37	31	28	32	30	28	27	25	31	34	36	25	28	25	35	35	24	23	33	35	35	33	27	22	35	40	30.6
BELLEPLAIN	MAX	46	45	53	52	52	67	59	43	54	51	43	52	41	50	60	55	50	46	58	70	69	65	47	71	74	74	51	40	45	46	58	54.4
	MIN	32	30	28	30	20	37	37	20	30	35	30	33	28	31	35	37	25	28	19	36	44	27	19	30	34	42	39	30	19	33	40	30.9
BELVIDERE	MAX	54	52	51	49	49	59	50	45	49	47	41	43	39	45	49	51	43	37	54	70	70	54	46	68	69	63	53	35	46	44	60	51.1
	MIN	30	33	21	33	23	35	33	18	25	29	19	25	23	21	30	34	25	22	22	25	30	19	17	30	31	40	35	22	15	32	38	26.9
BOONTON 2 SE	MAX	47	50	48	53	45	48	59	38	41	48	35	39	31	36	44	48	45	46	35	54	67	65	29	46	64	65	56	38	37	46	44	46.7
	MIN	25	31	26	29	26	30	29	22	25	28	19	21	24	26	32	36	24	25	21	27	35	20	19	23	34	39	36	24	17	29	32	26.9
BURLINGTON	MAX	48	47	57	52	51	65	54	44	55	49	39	36	40	48	57	56	52	40	58	71	70	58	51	70	75	62	50	38	49	43	59	53.0
	MIN	32	34	26	36	28	36	36	26	31	32	26	28	25	31	31	37	26	29	25	33	43	25	21	32	40	43	37	27	22	33	39	31.3
CANOE BROOK	MAX	45	48	48	54	47	48	60	38	42	52	33	39	43	35	47	52	47	50	35	59	71	68	42	47	65	62	56	39	43	46	43	48.5
	MIN	22	25	19	32	22	32	35	21	24	28	19	25	25	27	27	37	21	26	18	27	31	22	19	24	29	35	36	25	15	32	33	26.2
CAPE MAY 3 W	MAX	46	45	47	49	48	61	49	41	51	46	41	48	42	54	50	51	51	44	55	62	58	38	43	69	66	56	55	44	42	51	53	50.2
	MIN	36	35	34	38	32	39	39	32	36	37	34	37	33	35	38	40	37	30	32	36	38	29	29	28	43	43	42	31	24	37	41	35.3
CHARLOTTEBURG	MAX	45	49	46	51	43	49	60	37	40	45	33	38	29	37	49	46	44	46	31	56	69	66	25	46	62	65	55	40	34	45	42	45.9
	MIN	23	30	21	22	25	25	31	19	20	26	16	17	21	24	23	23	25	21	17	25	28	16	15	17	27	29	29	20	14	26	31	22.8
CHATSWORTH 5 S	MAX																																
	MIN																																
CLAYTON	MAX	51	48	54	53	50	67	52	44	57	48	39	37	40	50	62	55	49	37	59	70	65	57	49	71	76	65	49	39	45	42	60	52.9
	MIN	27	35	25	34	25	35	34	26	30	34	28	27	24	30	34	33	27	28	22	35	41	29	23	32	35	43	38	24	22	35	35	30.6
ELIZABETH	MAX	47	49	55	49	50	62	51	43	55	50	40	38	38	40	50	55	50	39	59	73	70	56	45	67	66	59						52.2
	MIN	32	31	25	31	23	36	35	20	28	30	21	28	25	25	34	36	25	27	23	31	38	22	19	32	40	40	35	25	19	34	39	29.3
ESSEX FELLS SERV BLDG	MAX	42	46	45	48	45	49	58	45	47	49	37	45	44	45	47	46	43	47	36	57	68	70	48	50	57	50	50	42	42	44	48	48.1
	MIN	28	26	31	34	28	32	31	29	28	32	20	23	28	30	31	28	31	33	30	28	33	20	18	20	32	35	32	20	21	33	36	28.4
FLEMINGTON 1 NE	MAX	51	51	55	49	48	64	47	43	54	50	36	39	36	45	48	54	49	45	60	72	69	56	50	68	67	55	48	37	46	47	61	51.6
	MIN	32	29	19	34	19	33	32	19	22	30	20	21	18	22	29	34	19	24	19	22	31	21	18	30	28	39	32	24	15	31	38	25.9
FREEHOLD	MAX	43	45	51	51	47	63	51	42	55	47	37	34	37	44	57	50	50	42	57	70	69	53	47	66	64	54	48	38	43	43	54	50.1
	MIN	30	31	27	34	24	34	35	20	29	30	20	27	24	29	34	36	28	26	22	35	42	22	18	32	40	41	35	24	18	32	38	29.6
HAMMONTON 2 NNE	MAX	57	45	44	57	54	56	68	45	52	56	41	42	41	39	65	62	52	52	39	60	72	70	36	50	71	78	64	43	38	51	44	53.0
	MIN	31	34	27	34	27	32	36	26	28	29	28	31	28	30	33	44	33	28	21	30	50	23	19	25	33	40	39	26	18	32	36	30.7
HIGH POINT PARK	MAX	40	44	51	58	41	42	52	34	38	41	28	30	25	30	45	46	40	40	33	55	68	63	27	48	58	64	56	32	36	42	40	43.5
	MIN	28	27	24	28	22	28	25	14	22	21	8	18	16	18	28	29	22	15	17	32	45	11	10	26	35	33	28	15	8	24	31	22.8
HIGHTSTOWN 1 N	MAX	45	45	56	50	48	62	50	42	55	48	38	36	36	42	56	55	52	40	57	70	69	55	48	67	65	55	49	38	48	40	56	50.7
	MIN	29	27	26	34	25	34	34	21	30	30	22	27	25	29	32	34	30	26	25	34	42	23	19	31	35	41	36	25	20	32	38	29.5
INDIAN MILLS 2 W	MAX	45	45	54	52	50	67	50	43	56	46	41	39	38	50	62	55	51	38	60	71	70	54	48	70	77	62	44	38	48	41	59	52.4
	MIN	28	27	20	34	20	35	34	23	30	31	24	30	26	30	34	36	21	28	18	30	41	24	15	30	30	42	35	26	17	32	38	28.7
JERSEY CITY	MAX	41	45	55	48	43	59	41	40	49	38	36	30	35	40	45	48	44	36	55	70	66	35	46	65	55	52	40	37	38	40	52	45.9
	MIN	31	33	33	34	29	33	30	23	34	28	22	26	24	28	32	37	31	26	27	40	35	21	19	35	42	40	31	25	25	33	34	30.4
LAMBERTVILLE	MAX	50	48	55	49	48	63	50	43	54	50	38	37	38	42	55	55	50	38	60	70	69	56	49	69	72	60	53	38	47	44	60	51.9
	MIN	31	30	23	35	22	35	34	22	29	31	24	27	25	30	31	35	22	26	22	27	35	24	21	29	30	42	35	25	18	33	39	28.8
LAURELTON 1 E	MAX																																
	MIN																																
LAYTON 3 NW	MAX	53	50	51	47	52	64	53	43	46	41	40	34	33	40	46	48	43	38	57	65	67	62	52	65	69	64	50	35	46	40	60	50.1
	MIN	22	33	18	33	18	33	30	15	20	29	16	22	21	15	28	35	15	20	22	23	25	17	15	22	25	35	30	20	12	33	36	23.8
LEESBURG STATE FARM	MAX	50	46	51	54	52	62	60	44	52	50	43	49	42	56	56	54	51	47	56	68	65	60	46	70	72	69	53	42	44	49	60	54.0
	MIN	32	32	24	35	23	37	36	25	33	36	30	34	30	32	32	37	26	28	28	35	39	27	20	34	33	42	40	29	20	34	38	31.6
LITTLE FALLS 1 E	MAX	49	47	49	55	49	49	63	42	44	53	35	39	34	40	49	48	49	50	36	60	74	70	31	50	67	64	58	39	40	48	44	49.2
	MIN	27	31	25	35	26	34	35	22	26	28	20	24	24	21	33	36	28	26	23	31	36	21	19	26	34	39	37	25	19	32	34	28.3
LONG BRANCH	MAX	41	44	50	50	42	66	40	41	54	42	35	40	36	42	55	49	44	36	58	70	67	39	47	66	50	49	41	36	37	40	50	47.0
	MIN	32	35	30	34	27	39	30	25	33	30	24	30	26	30	37	37	30	30	28	40	39	25	21	36	42	40	30	27	23	34	38	31.7
LONG VALLEY	MAX	51	48	51	50	48	59	48	41	48	44	40	36	37	44	46	47	46	36	58	68	66	60	45	65	66	55	48	37	45	44	56	49.5
	MIN	27	32	22	33	22	32	33	15	22	27	17	24	18	21	28	33	19	22	19	27	28	18	16	24	27	37	33	22	17	29	37	25.2
MILLVILLE	MAX	55	47	45	52	54	56	68	46	45	54	42	45	50	42	55	60	51	52	40	60	72	68	38	49	71	76	62	48	40	46	47	52.8
	MIN	29	35	26	29	24	32	32	25	31	41	31	32	29	28	35	38	27	29	24	33	42	26	22	28	35	44	42	29	23	32	40	31.4
MOORESTOWN	MAX	47	45	55	51	47	67	43	44	55	43	40	36	39	50	61	51	52	39	59	70	69	37	48	70	75	59	42	41	49	41	63	51.2
	MIN	30	33	25	32	26	38	35	27	35	29	26	28	26	30	34	37	26	28	27	37	34	24	21	35	34	42	32	26	20	34	40	30.7
MORRIS PLAINS	MAX	45	49	47	52	45	48	60	37	41	50	34	39	30	36	46	49	46	47	35	58	69	67	28	48	66	63	53	35	36	45	43	46.7
	MIN	25	31	25	33	25	31	33	17	24	28	19	23	23	25	31	35	22	24	17	30	32	19	17	24	31	39	35	25	19	30	31	26.5
NEWARK W8 AIRPORT	MAX	45	47	52	49	47	62	43	44	54	42	41	34	37	45	55	51	49	37	59	73	70	36	50	69	58	54	44	40	43	42	55	49.3
	MIN	32	38	32	35	31	38	28	24	33	30	24	28	25	27	34	38	31	28	25	37	36	21	20	35	42	42	30	28	23	35	40	31.3
NEW BRUNSWICK EXP STA	MAX	48	48	55	49	46	63	53	42	55	50	39	35	37	42	53	55	49	44	59	70	69	56	48	67	66	53	50	38	43	42	56	51.0
	MIN	30	32	26	35	23	33	33	20	30	29	21	26	24	27	33	35	27	25	24	34	40	21	18	32	40	40	33	25	18	32	38	29.2
NEWTON	MAX	47	48	45	51	44	48	59	37	42	45	33	39	30	34	46	50	45	47	34	56	69	66	26	47	64	69	54	41	35	46	40	46.4
	MIN	27	32	20	29	24	30	31	17	24	26	17	21	22	19	30	34	23	22	21	26	39	17	17	21	28	37	35	22	12	26	33	25.2
PATERSON	MAX	46	45	48	55	49	48	61	41	43	46	34	38	33	40	49	49	49	51	37	55	72	70	31	43	66	58	53	38	42	47	45	47.8
	MIN	29	34	28	32	28	32	34	21	24	26	20	22	22	26	32	36	30	24	24	33	45	20	18	23	39	42	36	24	21	28	32	28.5
PEMBERTON 3 E	MAX	48	46	56	52	51	67	52	43	57	49	40	38	40	50	62	56	52	45	61	71	70	60	48	70	79	67	50	40	50	41	58	53.8
	MIN	30	28	22	26	20	29	25	22	29	32	22	29	24	29	34	33	22	27	19	31	38	24	18	28	37	42	34	27	20	31	38	28.1
PHILLIPSBURG	MAX	54	54	55	54	49	61	58	55	53	52	41	40	39	47	50	53	50	40	59	71	74	70	48	69	71	72	55	37	48	49	61	54.6
	MIN	32	32	25	35	28	35	32	24	28	32	22	26	24	25	26	35	28	24	25	26	28	20	19	36	32	40	36	22	18	32	39	28.6
PLAINFIELD	MAX	49	49	55	50	49	60	42	43	55	45	42	34	38	46	54	50	51	38	60	72	70	54	49	70	60	55	45	42	48	44	58	50.9
	MIN	27	30	24	35	24	34	34	22	27	31	21	27	24	26	33	36	24	27	21	30	36	22	19	30	39	41	37	26	18	33	37	28.9
RIDGEFIELD	MAX	42	47	54	48	49	58	41	41	52	34	37	34	40	48	51	50	50	37	59	73	71	31	49	66	62	58	47	41	46	43	55	48.8
	MIN	31	37	27	35	27	40	27	23	31	29	22	28	25	27	34	35	28	26	26	36	33	21	19	31	39	41	29	25	20	34	40	29.9

See Reference Notes Following Station Index

DAILY TEMPERATURES

Station		Day Of Month																													Average
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
SANDY HOOK L&STA	MAX																																
	MIN																																
SHILOH	MAX	47	46	52	53	51	67	54	44	55	49	41	41	40	55	56	56	51	43	59	70	68	58	48	70	74	70	47	41	43	45	59	53.3
	MIN	33	34	26	33	26	37	36	26	32	35	29	30	28	32	33	36	28	27	24	33	41	25	21	31	39	38	37	27	23	40	40	31.6
SOMERVILLE	MAX	49	48	55	47	47	61	47	42	54	43	39	35	36	43	52	52	49	37	58	70	68	54	48	67	63	55	50	37	46	40	58	50.0
	MIN	27	35	22	35	22	34	33	18	32	28	21	27	24	27	32	35	31	26	20	26	32	22	18	27	31	41	35	24	15	32	39	28.1
SUSSEX 3 N	MAX	46	46	46	51	47	47	61	36	43	44	32	34	30	35	48	48	45	46	33	55	70	65	20	44	62	68	54	35	34	44	40	45.5
	MIN	26	30	22	23	26	27	30	20	21	25	14	16	22	18	27	32	24	22	20	23	33	16	15	18	32	34	33	21	12	19	30	23.6
TRENTON 2	MAX	46	45	53	48	47	60	41	41	52	45	37	32	36	42	54	52	48	36	56	68	67	38	47	66	70	56	41	34	45	38	56	48.3
	MIN	30	34	26	33	25	35	28	23	31	29	23	26	23	28	31	35	26	25	26	34	38	22	19	31	39	41	30	25	18	33	38	29.2
TRENTON W8 CITY	MAX	48	46	55	50	48	65	43	42	55	44	39	34	37	43	56	50	50	37	58	72	68	35	49	70	75	57	43	36	47	40	58	50.0
	MIN	31	37	31	35	31	38	31	26	33	30	25	27	27	31	34	38	32	26	28	37	35	22	21	34	44	42	31	25	22	34	40	31.5
TUCKERTON	MAX																																
	MIN																																
WOODSTOWN	MAX	50	50	54	53	50	68	53	44	59	51	41	40	40	53	59	58	53	43	60	70	70	60	50	71	74	62	51	40	46	46	61	54.2
	MIN	32	34	24	34	23	32	36	27	32	28	28	29	27	30	33	32	24	27	23	29	40	25	20	29	32	44	38	27	21	34	39	30.1

EVAPORATION AND WIND

Station		Day of month																													Total or Avg.
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
ATLANTIC CITY WB AIRPORT	EVAP	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	.14	.16	*	*	.25	.14	-	-	-
	WIND	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	87	23	70	70	290	132	27	99	-
	MAX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	69	74	69	59	47	45	54	57	-
	MIN	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	34	46	47	42	33	29	44	37	-

DAILY SOIL TEMPERATURES

Station And Depth		Day of month																													Average
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
NEW BRUNSWICK EXP STATION																															
MEASURED UNDER SOD																															
1 INCH	MAX	32	33	34	39	40	45	37	36	41	37	37	33	31	32	41	40	41	36	40	47	49	37	39	46	46	45	41	37	41	38	44	38.1
	MIN	30	30	30	31	30	34	32	31	32	34	32	32	31	31	32	35	33	32	31	35	40	32	31	33	37	40	36	33	31	35	40	33.1
2 INCHES	MAX	31	31	34	37	38	44	37	36	40	37	37	34	32	33	41	40	41	37	39	46	48	39	39	46	45	45	42	40	41	38	44	39.0
	MIN	30	30	30	32	32	34	33	32	33	34	32	33	32	31	33	35	33	33	32	35	42	33	32	33	37	40	37	34	33	36	40	33.7
4 INCHES	MAX	31	31	36	37	38	43	37	37	40	37	37	34	32	32	40	40	41	37	39	45	47	39	39	45	45	45	42	40	41	38	44	38.9
	MIN	30	30	30	32	32	34	33	32	33	34	32	33	32	32	33	35	33	33	32	35	42	33	32	34	38	40	37	35	33	36	40	33.8
8 INCHES	MAX	32	32	33	34	35	39	38	33	37	37	36	35	34	33	37	38	38	37	37	40	43	42	36	40	41	42	42	38	38	38	41	37.3
	MIN	31	31	31	32	32	35	35	33	33	35	34	34	33	33	33	36	35	35	33	36	39	36	34	36	38	40	39	37	33	37	38	34.8
16 INCHES	MAX	33	33	33	34	35	37	37	36	36	36	36	36	35	34	35	37	37	37	36	37	40	40	38	38	40	40	40	39	39	38	39	36.7
	MIN	32	32	32	33	33	35	36	33	36	36	35	35	35	34	34	36	36	33	36	38	38	37	36	38	38	39	39	38	37	38	38	35.7
32 INCHES	MAX	34	34	34	34	34	35	35	33	36	36	36	36	36	36	36	36	36	37	37	37	37	38	38	38	38	39	39	39	39	39	39	36.5
	MIN	34	34	34	34	34	34	35	33	35	35	33	36	36	35	35	35	36	36	36	36	37	37	37	37	37	38	39	39	38	38	39	36.0

Measured under Kentucky Bluegrass. Instrumentation: Copper-constantan Thermocouples connected to a Brown Electronik Potentiometer.

See Reference Notes Following Station Index

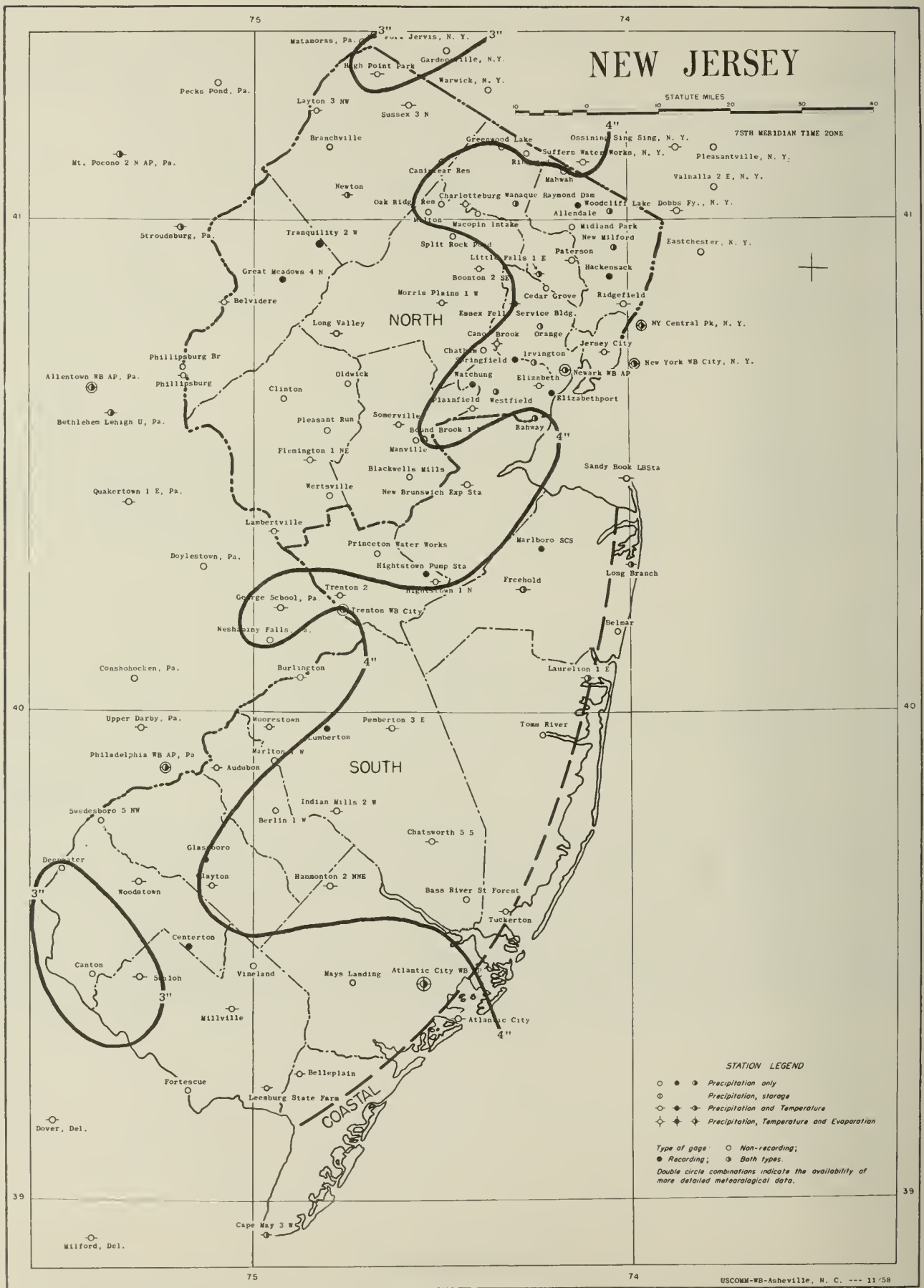
SNOWFALL AND SNOW ON GROUND

Station		Day of month																												
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
ATLANTIC CITY WB AIRPORT	SNDWFALL							T				T	T		T			T				T	T					T	T			
	SN ON GND														T														T			
	WTR EQUIV																															
ATLANTIC CITY	SNOWFALL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	SN ON GND	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BELVIDERE	SNOWFALL									T	.3	T	S.S		T			T										.2		.2	
	SN ON GNO										T	T	6	5	3	3	T	T										T	T		
CHARLOTTEBURG	SNDWFALL				T						.S	.S	7.S	3.0					.3									2.0		T	
	SN ON GND				T						T	T	8	11	10	8	3	2	2	2	1										
CLAYTON	SNDWFALL												T					T										T			
	SN ON GNO																															
FLEMINGTON 1 NE	SNDWFALL							T			T		7.0	T	T			T									T	3.0		1.1	
	SN ON GND												7	6	3	T		T									T	T	T		
FREEHOLD	SNOWFALL										2.0		2.0			T												1.8			
	SN DN GND										2	T	2	T														-	-		
HIGHTSTOWN 1 N	SNDWFALL							T			.S		3.0	T	T												T	1.S		T	
	SN ON GND										T		2	1	T													T			
INDIAN MILLS 2 W	SNOWFALL							T			T		T		T													T			
	SN DN GND																															
LAMBERTVILLE	SNDWFALL										T		4.0															1.0		T	
	SN DN GND												2	2	T													T			
LAYTON 3 NW	SNOWFALL									.S	.5		10.3					T									2.8		.4	
	SN ON GND												10	10	S													1			
LITTLE FALLS 1 E	SNDWFALL										.4	.3	6.S	.9					.S									1.5			
	SN ON GND										T	T	7	6	S	4	3	1	1	T								2			
LONG BRANCH	SNDWFALL							T			1.7	.3	2.7		T			T									.1	.7			
	SN ON GND										2	T	1	T				T													
LONG VALLEY	SNOWFALL												8.0														3.0		1.0	
	SN DN GND												-	-	-													-	-	-	
MAYS LANDING	SNOWFALL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	SN ON GND	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MILLVILLE	SNOWFALL							T							T													T			
	SN ON GND																															
MOORESTOWN	SNOWFALL							T			T	T	1.0		.2													.S			
	SN ON GND												1		T																	
MORRIS PLAINS	SNOWFALL				T						.S	T	7.0	1.0	T				.5									1.S		.9	
	SN ON GND												-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
NEWARK WB AIRPDRT	SNOWFALL				T			T			.9	.1	S.3					.5				T					1.0	.3		.1	
	SN DN GND										T	T	4	3	3	2												1			
	WTR EQUIV												.6	.S	.S	.4															
NEW BRUNSWICK EXP STA	SNDWFALL										.S		3.S		T												T	1.0		T	
	SN ON GND										T		3																		
NEWTON	SNOWFALL										-		-	-														-		-	
	SN ON GND										T		S	6	S	2	T	T	T									T		T	
PATERSON	SNOWFALL										.1	T	6.8	.3					T				T					.7		.1	.1
	SN ON GND										T	T	7	6	4	3			T				T					T			
PEMBERTON 3 E	SNOWFALL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	SN DN GND	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
PHILLIPSBURG	SNOWFALL												4.0					T										T		T	
	SN ON GND												4	4	2	T															
PLAINFIELD	SNOWFALL										.S		S.S					T									1.S				
	SN ON GND										-	-	-	-	-													-			
RAHWAY	SNDWFALL										.S	T	S.8		T			T										1.3		T	
	SN ON GND												6	3	2	T												1			
RIDGEFIELD	SNDWFALL										1.0	.1	6.0					.S									2.0	2.S			
	SN ON GND										1	T	6	S	4	1		1	T								2	3	T		
SOMERVILLE	SNOWFALL												4.S					T										1.0		.S	
	SN ON GND												3	1														1			
TRENTON WB CITY	SNDWFALL							T			.3	2.0	2.1					T									.7	.1		T	
	SN ON GND										T		3	1	T													1			
WANAQUE RAYMOND DAM	SNOWFALL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	SN ON GND	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

See reference notes following Station Index.

TOTAL PRECIPITATION

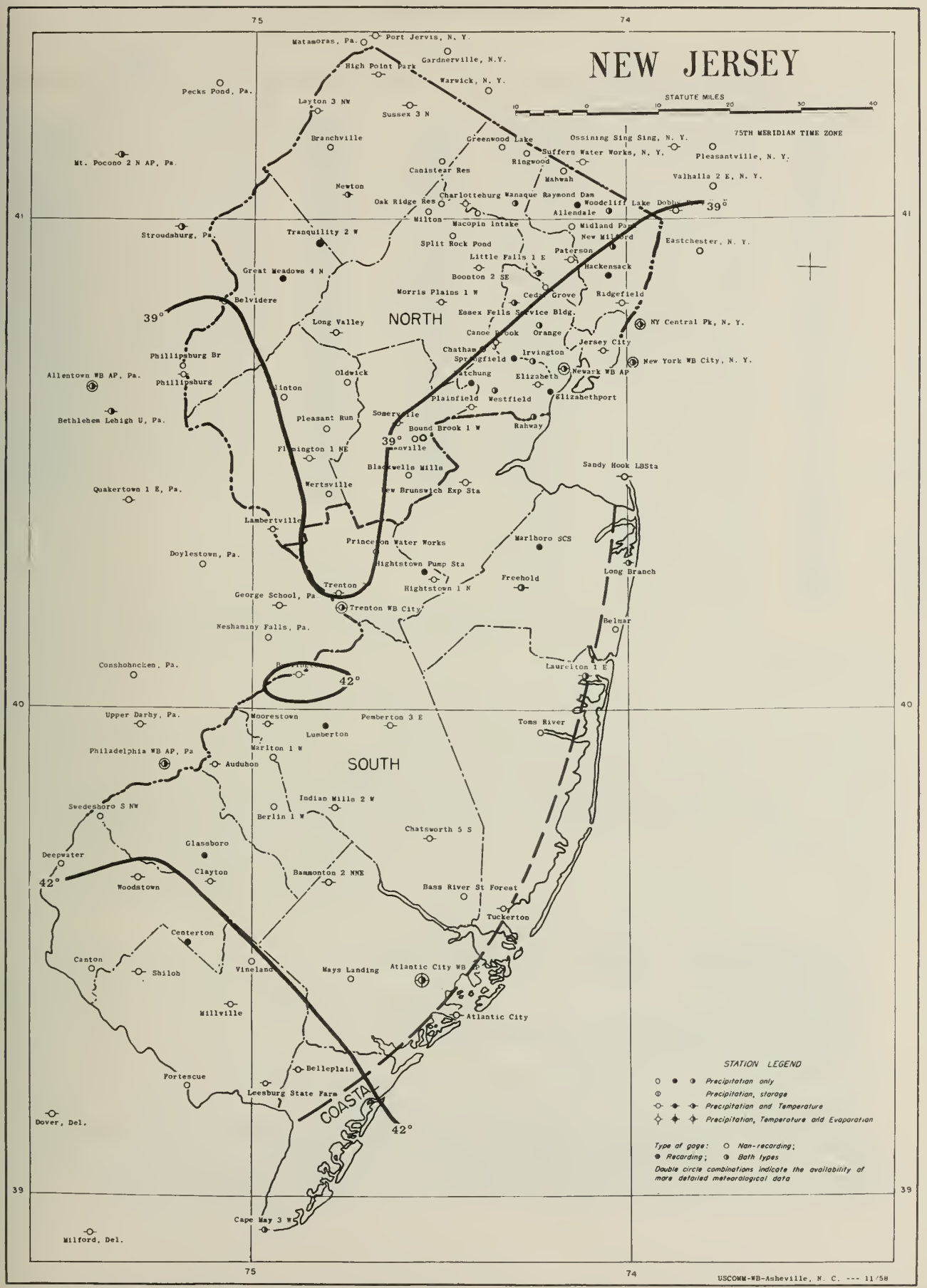
NEW JERSEY
MARCH 1959



Isolines are drawn through points of approximately equal values. Hourly precipitation data from recorder substations will be availabe in the publication "Hourly Precipitation Data".

AVERAGE TEMPERATURE

NEW JERSEY
MARCH 1959



Isolines are drawn through points of approximately equal values. Hourly precipitation data from recorder substations will be available in the publication "Hourly Precipitation Data".

STATION INDEX

STATION	INDEX NO.	COUNTY	DRAINAGE ‡	LATITUDE	LONGITUDE	ELEVATION	OBSERVATION TIME AND TABLES: TEMP.	PRECIP.	EVAP.	SPECIAL (SEE NOTES)	OBSERVER
ALLENDALE	0100	BERGEN	8	41 02	74 08	270				C	BERGEN COUNTY ENGS
ATLANTIC CITY WB AP	0311	ATLANTIC	1	39 27	74 35	10	M1D	M1D	7P	C HJ	U.S. WEATHER BUREAU
# ATLANTIC CITY	0325	ATLANTIC	1	39 23	74 26	10	M1O	M1D		H	STATE MARINA
AUDUBON	0346	CAMDEN	2	39 54	75 04	50	11P	11P			IRVIN J. NYGREN
BASS RIVER ST FOREST	0528	BURLINGTON	1	39 37	74 26	20		6P		H	N.J. FORESTRY SVC
BELLEPLAIN	0690	CAPE MAY	1	39 16	74 52	49	5P	5P			MRS. ED C. HOFFMAN
BELMAR	0721	MONMOUTH	1	40 10	74 02	19					INACTIVE 1/58
BELVIDERE	0729	WARREN	2	40 50	75 05	275	5P	5P		H	CLEMENT MAUPT
BERLIN 1 W	0787	CAMDEN	7	39 48	74 57	150		7A			SAMUEL H. MC CULLEY
BLACKWELLS MILLS	0847	SOMERSET	10	40 29	74 35	27		7A			HENRY M. MILLER
BODNTON 2 SE	0907	MORRIS	8	40 54	74 24	280	8A	8A			JERSEY CITY WTR WKS
BOUND BROOK 1 W	0927	SOMERSET	10	40 33	74 33	20		8A			AMERICAN CYANAMID CO
BRANCHVILLE	0978	SUSSEX	2	41 09	74 45	570		7A			ALBERT M. DAVENPORT
BURLINGTON	1211	BURLINGTON	2	40 04	74 53	12	6P	6P			PUBLIC SVC E + G CO
CANISTEAR RESERVOIR	1327	SUSSEX	8	41 07	74 30	1040		8A			NEWARK WATER DEPT
CANOE BROOK	1335	ESSEX	8	40 45	74 21	180	9A	9A	9A		COMMONWEALTH WTR CO
CANTON	1343	SALEM	2	39 28	75 25	20		9A			GERTRUDE S. WILLIS
CAPE MAY 3 W	1351	CAPE MAY	1	38 56	74 57	17	5P	5P		C	N.WEST MAGNESITE CO
CEDAR GROVE	1472	ESSEX	8	40 52	74 13	400		8A			J. A. PLUNKETT
CENTERTON	1512	SALEM	6	39 31	75 10	80				C	JOHN HOPKINS UNI.
CHARLOTTEBURG	1582	PASSAIC	8	41 03	74 26	760	7A	7A		H	NEWARK WATER DEPT
CHATHAM	1590	MORRIS	8	40 44	74 23	185		8A			EDWARD P. MOLITOR
CHATSWORTH 5 S	1598	BURLINGTON	1	39 44	74 32	90	5P	5P			INACTIVE 5/58
CLAYTON	1708	GLOUCESTER	6	39 39	75 06	120	6P	6P		H	HARRY P. CAMPBELL
CLINTON	1749	HUNTERDON	10	40 38	74 55	300		6P			L. W. KLOCKNER
DEEPWATER	2209	SALEM	2	39 41	75 30	12		M1D			DU PONT DE NEMOURS
ELIZABETH	2644	UNION	1	40 40	74 14	33	5P	5P			UNION CO PARK COMM
ELIZABETHPORT	2652	UNION	8	40 39	74 12	30		M1D		C	SEWAGE TREATMENT PL
ESSEX FELLS SERV BLDG	2768	ESSEX	8	40 50	74 18	250	8A	8A		C	BOROUGH ESSEX FELLS
FLEMINGTON 1 NE	3029	HUNTERDON	10	40 31	74 51	134	5P	5P		H	OONALD YOUNG
FORTESCUE	3102	CUMBERLAND	2	39 14	75 10	5		7A			JOHN LOPER
FREEHOLO	3181	MONMOUTH	10	40 15	74 17	194	6P	6P		C H	FRANK J. HOREAU
GLASSBORO	3291	GLOUCESTER	2	39 42	75 07	150				C	PROF. J. B. SANGREE
GREAT MEADOWS 4 N	3416	WARREN	2	40 56	74 55	540				C	GAMMA CHEMICAL CORP.
GREENWOOO LAKE	3516	PASSAIC	8	41 09	74 20	660		7A			GEORGE T. WIGGINS
HACKENSACK	3572	BERGEN	4	40 53	74 03	10				C	BERGEN COUNTY ENGS
HAMMONTON 2 NNE	3662	ATLANTIC	7	39 39	74 48	85	8A	8A			W. HUBBARD PARKHURST
HIGH POINT PARK	3935	SUSSEX	2	41 18	74 40	1570	8A	8A			N. J. DEPT. OF CONS.
HIGHTSTOWN 1 N	3951	MERCER	10	40 16	74 31	100	8P	8P		H	JAMES R. PICKERING
HIGHTSTOWN PUMPING STA	3956	MERCER	10	40 17	74 32	75				C	OEPT WATER + SEWAGE
INDIAN MILLS 2 W	4229	BURLINGTON	7	39 48	74 47	100	7P	7P		H	EDWARD ENTWISTLE
IRVINGTON	4260	ESSEX	1	40 43	74 15	120		M1O		C	JOINT MEETING GARAGE
JERSEY CITY	4339	HUDSON	1	40 44	74 04	135	M1O	M1O			JERSEY CITY WTR OEPT
LAMBERTVILLE	4635	HUNTERDON	2	40 22	74 57	75	6P	6P		H	E. E. CASE
LAURELTON 1 E	4700	OCEAN	1	40 04	74 07	20	M1O	M1O		C H	GEORGE G. WADDILL
LAYTON 3 NW	4735	SUSSEX	2	41 15	74 51	480	6P	6P		H	A. M. OEPUE
LEESBURG STATE FARM	4762	CUMBERLAND	6	39 14	74 58	10	4P	4P			LEESBURG STATE FARM
LITTLE FALLS 1 E	4887	PASSAIC	8	40 53	74 14	157	9A	9A		C H	PASSAIC VLY WTR COMM
LONG BRANCH	4987	MONMOUTH	1	40 18	73 59	34	M1D	M1D		C HJ	WILLIAM D. MARTIN, JR.
LONG VALLEY	5003	MORRIS	10	40 48	74 46	660	6P	6P		H	ARTHUR BARKMAN
LUMBERTON	5055	BURLINGTON	2	39 58	74 48	25				C	JAMES LAWTON
MACOPIN INTAKE	5071	PASSAIC	8	41 01	74 24	584		9A			NEWARK WATER OEPT
MAHWAH	5104	BERGEN	8	41 06	74 10	253		7A			ROBERT G. GLASGOW
MANVILLE	5197	SOMERSET	10	40 33	74 34	50		M1D			JOHN L. RAUCLIFFE
MARLBORO SC.	5244	MONMOUTH	1	40 20	74 14	120				C	GEROW BRILL
MARLTON 1 W	5252	BURLINGTON	2	39 54	74 57	90		6P			OAVID GRISCOM
MAYS LANDING	5346	ATLANTIC	3	39 27	74 44	50				H	ELMER EARLE
MIDLAND PARK	5503	BERGEN	1	40 59	74 09	210		M1D			RIDGEWOOD WATER CO.
MILLVILLE	5576	CUMBERLAND	6	39 24	75 03	60	8A	8A		C H	L. J. GALLAHER
MILTON	5597	MORRIS	8	41 01	74 32	950		7A			JERSEY CITY WTR WKS
MODRESTOWN	5728	BURLINGTON	2	39 58	74 58	55	M1D	8A		H	M. J. WILLARD
MORRIS PLAINS	5769	MORRIS	8	40 50	74 30	500	8A	8A		H	JAMES C. LONG
NEWARK WB AIRPORT	6026	ESSEX	1	40 42	74 10	11	M1D	M1D		C HJ	U. S. WEATHER BUREAU
NEW BRUNSWICK EXP STA	6062	MIDDLESEX	10	40 28	74 26	80	5P	5P		GM	ARTHUR H. AHLQUIST
NEW MILFORD	6146	BERGEN	4	40 57	74 02	12		M1D		C	HACKENSACK WATER CO
NEWTON	6177	SUSSEX	2	41 03	74 45	565	8A	8A		C H	NEWTON WTR SWR COMM
OAK RIOGE RESERVOIR	6460	PASSAIC	8	41 02	74 30	870		8A			NEWARK WATER OEPT
OLOWICK	6544	HUNTERDON	10	40 40	74 45	260		8A			DAN A. COUGHLIN
ORANGE	6560	ESSEX	8	40 47	74 14	140		M1D		C	COUNTY ENGINEER
PATERSON	6775	PASSAIC	8	40 55	74 09	100	8A	8A		H	P. J. OEL VECCHIO
PEMBERTON 3 E	6843	BURLINGTON	2	39 58	74 38	60	5P	5P		H	CHARLES A. OOEHLERT
PHILLIPSBURG	6974	WARREN	2	40 41	75 12	182	3P	3P		H	SEWAGE OISPOSAL PLT
PHILLIPSBURG BRIDGE	6979	WARREN	2	40 42	75 12	196		9A			JOINT TOLL BRDGE COM
PLAINFIELD	7079	UNION	10	40 36	74 25	120	8P	8P		H	MRS VIVIAN SCHERER
PLEASANT RUN	7123	HUNTERDON	10	40 34	74 48	140		7A			JOHN H. BERRYMAN
PRINCETON WATER WORKS	7328	MERCER	10	40 19	74 40	90		M1D			PRINCETON WATER CO
RAHWAY	7393	UNION	9	40 36	74 15	20		M1D		C H	RAHWAY VLY SWG AUTH
RIDGEFIELD	7545	BERGEN	4	40 50	74 01	80	M1D	M1D		H	GEORGE P. KIRSTEN
RINGWOOO	7587	PASSAIC	8	41 08	74 16	305		10A			NO JERSEY WTR SUPPLY
SANDY HOOK LBSTA	7869	MONMOUTH	1	40 28	74 01	22	7P	7P			U. S. COAST GUARD
SHILOH	8051	CUMBERLAND	2	39 28	75 18	120	5P	5P			EVERETT DICKINSON
SOMERVILLE	8194	SOMERSET	10	40 34	74 37	75	6P	6P		H	W. E. HAVER
SPLIT ROCK PONO	8402	MORRIS	8	40 58	74 28	800		10A			JERSEY CITY O P W
SPRINGFIELD	8423	UNION	1	40 43	74 18	-				C	N.J. OEPT OF CONS
SUSSEX 3 N	8644	SUSSEX	5	41 14	74 35	530	7A	7A			BRICE B. STANTON
SWEDESBORO 5 NW	8685	GLOUCESTER	2	39 47	75 24	10		12N			SUN OIL CO
TOMS RIVER	8816	OCEAN	1	39 57	74 14	10		5P			ROBERT F. SNYOER
TRANQUILITY 2 W	8858	WARREN	2	40 57	74 50	551				C	H. J. ERVEY
TRENTON 2	8878	MERCER	2	40 14	74 46	105	M1O	M1D			E. H. RISTOW
TRENTON WB CITY	8883	MERCER	2	40 13	74 46	56	M1O	M1O		C HJ	U.S. WEATHER BUREAU
TUCKERTON	8899	OCEAN	1	39 36	74 20	10	6P	6P			REV EDWARD O. MCGILL
VINELAND	9135	CUMBERLAND	6	39 29	75 00	110		8A			STATE HOME FOR WOMEN
WANAQUE RAYMOND DAM	9187	PASSAIC	8	41 03	74 18	320		8A		C H	WATER SUPPLY COMM
WATCHUNG	9271	UNION	8	40 40	74 25	-				C	BONNIE BURN SAN.
WERTSVILLE	9363	HUNTERDON	10	40 27	74 48	160		7A			ROBERT M. MANNERS
# WESTFIELO	9455	UNION	9	40 39	74 21	138		5P		C	CITY ENGINEER
WOODCLIFF LAKE	9832	BERGEN	4	41 01	74 03	103		M1D		C	HACKENSACK WATER CO
WOODSTOWN	9910	SALEM	2	39 39	75 19	50	5P	5P			CREAM VALLEY DAIRY

‡ 1-COASTAL; 2-DELAWARE; 3-GREAT EGG HARBOR; 4-HACKENSACK; 5-HUDSON; 6-MAURICE; 7-MULLICA; 8-PASSAIC; 9-RAHWAY; 10-RARITAN; 11-ROCKAWAY

REFERENCE NOTES

Additional information regarding the climate of New Jersey may be obtained by writing to the State Climatologist at Weather Bureau Office, c/o General Delivery, Trenton, New Jersey or to any Weather Bureau Office near you.

Figures and letters following the station name, such as 12 SSW, indicate distance is miles and direction from the post office.

Delayed data and corrections will be carried only in the June and December issues of this bulletin.

Monthly and seasonal snowfall and heating degrees for the preceding 12 months will be carried in the June issue of this bulletin.

Stations appearing in the Index, but for which data are not listed in the tables, either are missing or were received too late to be included in this issue.

Divisions, as used in "Climatological Data: Table and on the maps, became effective with data for September 1956.

Unless otherwise indicated, dimensional units used in this bulletin are: Temperature in °F, precipitation and evaporation in inches and wind movement in miles. Monthly degree day totals are the sums of the negative departures of average daily temperatures from 65° F.

Evaporation is measured in the standard Weather Bureau type pan of 4 foot diameter unless otherwise shown by footnote following the "Evaporation and Wind" Table. Max and Min in "Evaporation and Wind" Table refer to extremes of temperature of water in pan as recorded during 24 hours ending at time of observation.

Long-term means for full-time stations (those shown in the Station Index as "U. S. Weather Bureau") are based on the period 1921-1950, adjusted to represent observations taken at the present location. Long-term means for all stations except full-time Weather Bureau stations are based on the period 1931-1955.

Water equivalent values published in the "Snowfall and Snow on Ground" Table are the water equivalent of snow, sleet, or ice on the ground. Samples for obtaining measurements are taken from different points for successive observations; consequently occasional drifting and other causes of local variability in the snowpack may result in apparent inconsistencies in the record.

Entries of snowfall in the "Climatological Data" Table and the "Snowfall and Snow on Ground" Table, and in the "Seasonal Snowfall" Table include snow and sleet. Entries of snow on ground include snow, sleet and ice.

Data in the "Daily Precipitation" Table; "Daily Temperature" Table; and "Evaporation and Wind" Table, and snowfall in the "Snowfall and Snow on Ground" Table, when published, are for the 24 hours ending at time of observation. The Station Index shown observation times in local standard time. During the summer months some observers take the observations on daylight saving time.

Snow on ground in the "Snowfall and Snow on Ground" Table is at observation time for all except Weather Bureau and FAA stations. For these stations snow on ground values are at 7:00 a.m., E.S.T.

No record in the "Climatological Data" Table and the "Daily Temperature" Table is indicated by no entry.

Interpolated values for monthly precipitation totals may be found in the annual issue of this publication.

- \- No record in the "Daily Precipitation" Table; "Evaporation and Wind" Table; "Snowfall and Snow on Ground" Table; and the Station Index.
- \+ And also on an earlier date or dates.
- ++ Fastest observed one minute wind speed. This station is not equipped with automatic wind instruments.
- * Amount included in following measurement, time distribution unknown.
- # Thermometers are generally exposed in a shelter located a few feet above sod-covered ground; however, the reference indicates that the thermometers are exposed in a wheltwr located on the roof of a building.
- // Gage is equipped with a windshield.
- AR This entry in time of observation column in Station Index means after rain.
- AM Data based on observational day ending before noon.
- E Adjusted to a full month.
- D Water equivalent of snowfall wholly or partly estimated, using a ratio of 1 inch water equivalent to every 10 inches of new snowfall.
- M One or more days of record missing; if average value is entered, less than 10 days record is missing. See "Daily Temperature" Table for detailed daily record. Degree day data, if carried for this station, have been adjusted to represent the value for a full month.
- R Amounts from recording gage. (These amounts are essentially accurate but may vary slightly from the amounts to be published later in Hourly Precipitation Data.)
- SS This entry in time of observation column in Station Index means observation made near sunset.
- T Trace, an amount too small to measure.
- V Includes total for previous month.
- X Observation time is 1:00 a.m., E.S.T. of the following day.
- VAR This entry in time of observation column in Station Index means variable.

In the Station Index the lettera C, G, H, and J in the "Special" column under the heading "Observation Time and Tables", indicate the following:

- C Weighing Rain Gage Recording Station. Hourly precipitation values are processed for special purposes, and are published later in "Hourly Precipitation Data" Bulletin.
- G "Soil Temperature" Table.
- H "Snowfall and Snow on Ground" Table. Omission of data in any month indicates no snowfall and/or snow on ground in that month.
- J "Supplemental Data" Table.

Information concerning the history of changes in locations, elevations, exposure etc. of substations through 1955 may be found in the publication "Substation History" for this state. That publication may be obtained from the Superintendent of Documents, Government Printing Office, Washington 25, D. C. for 15 cents. Similar information for regular Weather Bureau stations may be found in the latest annual issue of Local Climatological Data for the respective stations, obtained as indicated above, price 15 cents.

General weather conditions in the U. S. for each month are described in the publications MONTHLY WEATHER REVIEW and the monthly CLIMATOLOGICAL DATA, NATIONAL SUMMARY, either of which may be obtained from the Superintendent of Documents, Government Printing Office, Washington 25, D. C.

Subscription Price: 20 cents per copy, monthly and annual; $2.50 per year. (Yearly subscription includes the Annual Summary). Checks, and money orders should be made payable to the Superintendent of Documents. Remittance and correspondence regarding subscriptions should be sent to the Superintendent of Documents, Government Printing Office, Washington 25, D. C.

USCOMM-WB-Ashville, N. C. ---5/8/59 --- 775

551.05
INNJ
op.1

U. S. DEPARTMENT OF COMMERCE
LEWIS L. STRAUSS, Secretary
WEATHER BUREAU
F. W. REICHELDERFER, Chief

CLIMATOLOGICAL DATA

NEW JERSEY

APRIL 1959
Volume LXIV No. 4



THE LIBRARY OF THE
JUN 22 1959
UNIVERSITY OF ILLINOIS

ASHEVILLE: 1959

NEW JERSEY - APRIL 1959

TEMPERATURE AND PRECIPITATION EXTREMES

Highest Temperature: 88° on the 8th at Laurelton 1 E

Lowest Temperature: 18° on the 14+ at Layton 3 NW

Greatest Total Precipitation: 4.03 inches at Milton

Least Total Precipitation: 1.84 inches at Rahway

Greatest One-Day Precipitation: 1.25 inches on the 10th at Mays Landing

Greatest Reported Total Snowfall: 7.0 inches at Layton 3 NW

Greatest Reported Depth of Snow on Ground: 5 inches on the 11th at Layton 3 NW

CLIMATOLOGICAL DATA

NEW JERSEY
APRIL 1959

Station		Temperature									No. of Days				Precipitation									
											Max		Min						Snow, Sleet			No. of Days		
		Average Maximum	Average Minimum	Average	Departure From Long Term Means	Highest	Date	Lowest	Date	Degree Days	90° or Above	32° or Below	32° or Below	0° or Below	Total	Departure From Long Term Means	Greatest Day	Date	Total	Max Depth on Ground	Date	.10 or More	.50 or More	1.00 or More
NORTHERN																								
BELVIDERE		66.4	39.9	53.2	2.3	82	17	29	13	350	0	0	6	0	3.38	- .56	.63	20	.4	T	12	10	2	0
BOONTON 2 SE	AM	61.2	40.8	51.0	2.3	79	18	28	13	414	0	0	5	0	2.94	- .76	.73	3		0		8	2	0
CANOE BROOK	AM	62.4	39.9	51.2	2.9	81	9	29	23	409	0	0	7	0	2.57	- 1.29	.61	3	.5	T	13	6	2	0
CHARLOTTEBURG	AM	60.5	38.4	49.5	1.5	78	18+	24	13	460	0	0	4	0	3.41	- .68	.90	3	2.0	2	13	8	2	0
ELIZABETH		66.9M	42.6	54.8M	3.1	85	17	32	5	301	0	0	1	0	3.10	- .76	.54	27	.0	0		9	2	0
ESSEX FELLS SERV BLDG	AM	63.4	42.4	52.9		82	9	31	13	358	0	0	1	0	2.49		.71	3		0		6	2	0
FLEMINGTON 1 NE		66.1	39.6	52.9	1.8	84	8	26	7	360	0	0	7	0	3.13	- .52	.44	27	3.0	2	12	11	0	0
HIGH POINT PARK	AM	58.4	37.0	47.7		77	9	25	13	509	0	0	7	0	3.52		1.16	3		2	13	10	2	1
JERSEY CITY		59.6	43.7	51.7	1.3	81	8	31	13	398	0	0	2	0	2.97	- .48	.88	27	.0	0		9	2	0
LAMBERTVILLE		66.3	41.0	53.7	3.0	83	8	30	7+	337	0	0	5	0	2.59	- 1.00	.37	11+	T	T	12	10	0	0
LAYTON 3 NW		64.8	34.8	49.8	2.4	80	17	18	14+	449	0	0	12	0	3.71	- .06	.76	10	7.0	5	11	10	3	0
LITTLE FALLS 1 E	AM	64.4	41.9	53.2	2.8	84	9	30	13	351	0	0	2	0	2.71	- 1.53	.73	3	.0	0		8	2	0
LONG VALLEY		64.5	38.5	51.5		80	17+	25	5	398	0	0	8	0	3.39	- .42	.98	2	2.0	0		11	2	0
MORRIS PLAINS	AM	61.4	40.2	50.8		80	18+	28	13	418	0	0	7	0	3.49		.89	3	2.0	0		9	2	0
NEWARK WB AIRPORT	R	63.0	43.9	53.5	3.5	84	8	33	13+	343	0	0	0	0	2.05	- 1.22	.51	2	1.1	0		7	1	0
NEWTON	AM	61.4	38.9	50.2	2.0	78	26+	23	13	443	0	0	5	0	3.41	- .19	.86	3		2	13	9	2	0
PATERSON	AM	63.1	42.5	52.8	1.9	83	9	30	13	364	0	0	2	0	2.48	- 1.48	.70	3	1.0	1	13	7	2	0
PHILLIPSBURG		67.6	41.6	54.6	4.4	80	18+	30	5	305	0	0	2	0	3.65	- .25	1.08	20	T	0		8	3	1
PLAINFIELD		64.8	41.9	53.4	2.7	83	8	29	7	343	0	0	4	0	2.69	- 1.06	.62	2	2.2	0		7	2	0
RIDGEFIELD		63.4	42.0	52.7	2.5	83	8	32	13+	364	0	0	2	0	2.90	- .76	.66	2	1.0	1	12	8	2	0
SOMERVILLE		65.3	40.5	52.9	2.6	82	8	27	5	355	0	0	5	0	2.50	- 1.04	.48	2	T	T	12	9	0	0
SUSSEX 3 N	//AM	60.4	37.2	48.8	- .5	79	9	23	13	480	0	0	8	0	3.36	- .38	.79	11	1.0	1	13	7	3	0
DIVISION				51.9	2.2										3.02	- .76			1.3					
SOUTHERN																								
ATLANTIC CITY WB AP		62.2	42.9	52.6	2.5	85	9	32	13+	367	0	0	2	0	3.33	.00	.94	2	2.0	1	13	9	3	0
AUDUBON		66.7	42.8	54.8		86	9	32	13	312	0	0	1	0	2.37		.80	2	T	T	12	7	1	0
BELLEPLAIN		65.5	42.7	54.1		83	9	29	7	332	0	0	3	0	2.86	- .70	.51	2	.0	0		8	1	0
BURLINGTON		67.4	43.4	55.4	2.4	86	9	33	13	291	0	0	0	0	2.50	- .92	.65	2		0		7	2	0
CHATSWORTH 5 S																								
CLAYTON		67.2	42.6	54.9		86	9	31	14	309	0	0	2	0	1.85		.73	2	T	0		5	1	0
FREEHOLD		64.0	41.7	52.9	2.4	81	9+	32	23+	355	0	0	2	0	2.45	- 1.11	.56	29	.2	0		7	1	0
HAMMONTON 2 NNE	AM	65.1	41.4	53.3	1.3	86	10	31	14+	354	0	0	3	0	3.10	- .57	.70	13	.0	0		8	3	0
HIGHTSTOWN 1 N		64.8	42.0	53.4	2.8	81	8	32	24+	341	0	0	3	0	2.56	- .74	.54	29	.5	T	12	10	1	0
INDIAN MILLS 2 W		66.1	40.7	53.4	2.2	87	9	29	24+	350	0	0	7	0	2.69	- .77	.60	2	T	T	12	9	1	0
LAURELTON 1 E		61.8	39.6	50.7	.1	88	8	29	24+	429	0	0	7	0					T	0		10	2	
LEESBURG STATE FARM		65.1	43.0	54.1		82	9	30	7	329	0	0	2	0	2.60		.45	13	.0	0		9	0	0
MILLVILLE		65.0	44.0	54.5		85	10+	30	6	327	0	0	1	0	2.84		.55	2		0		11	1	0
MOORESTOWN		65.0	43.3	54.2	3.2	86	9	32	13+	326	0	0	2	0	2.50	- .97	.93	3	1.0	T	13	6	2	0
NEW BRUNSWICK EXP STA		65.3	41.3	53.3	2.5	83	8	31	13	344	0	0	1	0	2.53	- .81	.55	2		0		9	1	0
PEMBERTON 3 E		66.5	41.3	53.9	1.8	85	9	30	5	330	0	0	3	0	2.29	- 1.15	.59	29	1.0	0		7	1	0
SHILOH		65.5	43.3	54.4	1.9	84	9+	30	14	321	0	0	3	0	3.12	- .01	.55	11	.0	0		10	1	0
TRENTON 2		62.2M	41.5	51.9M		80	8	31	13+	394	0	0	2	0	3.60	- .13	.79	2	.8	1	12	11	2	0
TRENTON WB CITY	R	64.0	43.8	53.9	3.2	83	9+	32	12	334	0	0	1	0	2.72	- .28	.68	24	.8	T	13	8	1	0
TUCKERTON																								
WOODSTOWN		68.1M	41.8M	55.0M		86	9	31	7	301	0	0	2	0	3.25		.80	29				10	2	0
DIVISION				53.7	2.4										2.73	- .71			.4					
COASTAL																								
ATLANTIC CITY	R	56.0	43.4	49.7	.3	78	17	34	12	452	0	0	0	0	3.83	.43	1.09	2				10	3	2
CAPE MAY 3 W		60.1	45.4	52.8		78	17	34	13	361	0	0	0	0	3.91		.80	2	T	0		8	4	0
LONG BRANCH	R	59.3	42.8	51.1	1.6	81	8	34	12	412	0	0	0	0	2.52	- 1.02	.66	2	T	0		8	1	0
SANDY HOOK LBSTA		62.6	41.9	52.3	2.7	78	9	33	13	377	0	0	0	0	2.36	- .61	.72	29	T	0		8	2	0
DIVISION				51.5	1.8										3.16	- .09			T					

SUPPLEMENTAL DATA

Station	Wind direction		Wind speed m. p. h.				Relative humidity averages - percent				Number of days with precipitation							Percent of possible sunshine	Average sky cover sunrise to sunset
	Prevailing	Percent of time from prevailing	Average	Fastest mile	Direction of fastest mile	Date of fastest mile	1:00 a EST	7:00 a EST	1:00 p EST	7:00 p EST	Trace	.01–.09	.10–.49	.50–.99	1.00–1.99	2.00 and over	Total		
ATLANTIC CITY WB AIRPORT	S	15	12.8	-	-	-	78	78	52	68	2	3	6	3	0	0	14	-	6.9
ATLANTIC CITY	-	-	12.2	33	S	2	-	-	-	-	-	3	7	1	2	0	-	47	-
LONG BRANCH	NE	16	13.3	52	SE	2	-	75	58ø	66	3	6	7	1	0	0	17	48	6.6
NEWARK WB AIRPORT	NNE	12	10.1	25++	NW	2	66	67	48	59	6	4	6	1	0	0	17	-	6.7
TRENTON WB CITY	-	-	9.7	34	S	3	-	-	-	-	2	6	7	1	0	0	16	56	5.9

ø 12:00 Noon

See Reference Notes Following Station Index

DAILY PRECIPITATION

NEW JERSEY
APRIL 1959

Station	Total	Day of month																														
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
ATLANTIC CITY WB AP	3.33		.94		.11		T			.40	.14	.13	.53	.04						.12	.69	.01						.04	.18	T		
ATLANTIC CITY R	3.83		1.09		.13					.27	.16	.12	.54	.02						.20	1.00	.01						.10	.13	.06		
AUDUBON	2.37		.80	T	.20		T			T	T	.35	.33	T						.08	.13	.08					7	T	.30	.10		
BASS RIVER ST FOREST	3.20		.74	.22	.22							*	*	1.01							.34	.01							.05	.46	.15	
BELLEPLAIN	2.86		.51		.46						.23	.21	.40	.35							.40	.09								.21		
BELVIDERE	3.38		.52	.31	.12		7			.10	.25	.33	.06	.03						T	.63	.02					.05	.43	.18	.35	T	
BERLIN 1 W	2.85			.80							.25	.40	.35	.25							.25	.30							.25			
BLACKWELLS MILLS	2.59	.03		.62	.09		.02	.03			.06	.26	.17	.26							.16	.14	.02					.04	.27	.42	T	
BOONTON 2 SE	2.94	T		.73	.08		.02	T		.04	.06	.23	.10	.19							.23	.05					.02	.13	.62	.42	.02	
BOUND BROOK 1 W	2.26	T		.57	.04						.03	.24	.12	.17							.16	.07						.04	.45	.37	T	
BRANCHVILLE	3.74		T	1.14	.15						T	.67	.13	.26							.13	.02					.15	.25	.47	.37		
BURLINGTON	2.50		.65	.35	.13					.03	.05	.35	.13	.15						7	.02	.02					.02	.06	.01	.53		
CANISTEAR RESEPVOIP	3.44			.78	.17		.01			.05	.07	.54	.03	.21							.42	.04					.07	.09	.55	.37	.04	
CANOE BROOK	2.57			.61	.02		T			T	.05	.31	.18	.19							.08	.04					.02	.06	.53	.48		
CANTON	3.02			.70	.15						.31	.30	.15	.56							.25	.12							.02	.46		
CAPE MAY 3 W	3.91		.80	.46	.16						.03	.57	.56	.47						.12	.60	.05						.09			
CEDAR GROVE	3.82	.34		.73	.20						.10	.37	.15	.17							.19	.06						.12	.62	.52		
CHARLOTTEBURG	3.41			.90	.11		T			.25	.08	.42	.08	.28						T	.42	.01					T	.15	.57	.35		
CHATHAM	2.76			.66	.03		7	T		.04	.04	.33	.15	.20							.10	.15						.07	.51	.50		
CHATSWORTH 5 S		RECORD MISSING								.02																						
CLAYTON	1.85		.73	.05			T					.27	T	.03						T	.17	.10					T	.41	.09		
CLINTON	3.19		.45	.26	.14					.05	.18	.32	.22	.04							.29	.07				.08	.62	.14	.33		
DEEPWATER	1.99		.53	.09	.07						.05	.21	.50								.28					.25	.01				
ELIZABETH	3.10		.53	.35	.02		.01				.23	.34	.07	.18							.12	.04				.06	.56	.22	.39		
ELIZABETHPORT	2.21		.58				T				.26	.22	.06	.10						T	.04	.01				.04	.46	.32	.12		
ESSEX FELLS SERV BLDG	2.49			.71							T			.40							.08	.12					.12	.61	.45		
FLEMINGTON 1 NE	3.13		.42	T	.13					.03	.21	.35	.38	.17						7	.42	.08					.10	.44	.13	.27		
FORTESCUE	2.94			.55	.11						.26	.20	.13	.43							1.01	.13							.05	.07		
FREEHOLD	2.45		.21	.35	.08		T			.29	.02	.36	.05	.20						T	.13	.05				.03	.04	.08	.56		
GREENWOOD LAKE	3.75		7	.90	.12		T	7		.07	.10	.52	.08	.18							.49	.08				.08	.11	.69	.33		
HAMMONTON 2 NNE	3.10	.01		.60	.14						.19	.35	.11	.70							.28						.01	.05	.66		
HIGH POINT PARK	3.52			1.16	.11		.01				.10	.69	.13	.22							.21	T				T	.25	.27	.33	.04	
HIGHTSTOWN 1 N	2.56	T	.37	.31	.05		T			.21	.02	.32	.12	.10						.01	.13	.10				.03	.19	.06	.54	T	
INDIAN MILLS 2 W	2.69		.60	.12	.20		T			T	.11	.38	.34	.12						T	.35	T				7	T	.08	.39		
IRVINGTON	2.24		.54				.02				.28	.20	.10	.01							.13					.07	.48	.32	.09		
JEPSEY CITY	2.97		.71				T				.30	.20	.28								.15					.10	.88	.23	.12		
LAMBERTVILLE	2.59		.37	.25	.16					.02	.12	.37	.25	.07						T	.21	.05				.05	.34	.10	.23		
LAUPELTON 1 E	-		-	T	.13		T		7	.08	.15	.20	.25	.25						.15	.10				.06	.64	.14			
LAYTON 3 NW	3.71		.70	.20	.10						.76	.50	.20							7	.02				.41	.39	.15	.26	.02	
LEESBURG STATE FARM	2.60		.34	.30	.14							.19	.25	.45						.08	.36	.18						.08	.23		
LITTLE FALLS 1 E	2.71	T	T	.73	.02		.01			.10	.07	.26	.10	.19							.11	.04				.07	.03	.56	.41	.01	
LONG BRANCH R	2.52		.66	.02	.08		T			.18	.07	.18	.27	.01						.12	.19	T				.01	.07	.48	.18	T	
LONG VALLEY	3.39		.98		.12		.02			.11	.25	.22	.20							.12	.32					.15	.54	.36			
MACOPIN INTAKE	3.91		T	1.15	.18		.02			.04	.07	.40	.11	.29							.47	.02				.06	.12	.59	.39	T	
MAHWAH	3.63		.01	1.06	.05		.01	T			.11	.36	.12	.31							.29	.07				.09	.14	.64	.37		
MANVILLE	2.62		.58	.04	.04		T				.15	.20	.10							T	.40	.12				.14	.50	.25		.10	
MAPLTON 1 W	2.68		.85		.16							.31	.22	.20						.05	.15	.15				T	.02	.05	.52		
MAYS LANDING	3.24		.44	.31							1.25	.30	T								.45	.15				T		.24	.10		
MIDLAND PARK	2.96		.74		.03				.04		.29	.17	.23							.05	.18					.23	.63	.26	.10	.01	
MILLVILLE	2.84		.55	.04	.06					.21	.12	.14	.42	.16						.12	.20	.08					.10	.29	.35		
MILTON	4.03		.04	.98		.19	.02			.10	.08	.50		.35							.12	.41				.05	.19	.62	.36	.02	
MOORESTOWN	2.50			.93	.16		T			T	.04	.13		.52						7	.19	.06	T				.01	.05	.41		
MORRIS PLAINS	3.49			.89	.13	T	.03	.02		.13	.09	.27	.14	.23							.25	.08				.06	.05	.69	.43	T	
NEWARK WB AIPPORT P	2.05		.51	T	.02		.01			T	.23	.22	.14					T		T	.10	7				.05	.35	.33	.09	T	
NEW BRUNSWICK EXP STA	2.53		.55	.05			T			.02	.16	.30	.07	.11						T	.13	.13				.01	.27	.29	.44		
NEW MILFORD	2.20		.68							.02	.22	.13	.08								.05					.08	.48	.32	.14		
NEWTON	3.41			.86	.11		.01	T		T	.07	.47	.12	.24							.28	.03				.10	.09	.58	.44	.01	
OAK RIDGE RESEPVOIP	3.81			.84	.18		.03			.09	.09	.46	.11	.32							.51	.06				.12	.10	.56	.34		
OLDWICK	2.86			.64	.12		.02			.06	.07	.24	.32	.11							.13	.06					.06	.59	.44		
ORANGE	2.89		.27	.35			.05				.19	.33	.09	.21							.25					.07	.09	.47	.52		
PATERSON	2.48	T	.03	.70	.03		.04	T		.03	.14	.12		.23							.16	.03				.06	.01	.66	.24	T	
PEMBERTON 3 E	2.29		.46		.11					.04		.24	.14	.28						.08	.21					.02	.03	.09	.59		
PHILLIPSBURG	3.65		.35	.56			T			T	.30	.33		T							1.08	T					.50	.30	.23		
PHILLIPSBURG BRIDGE	3.89			.94	.14		.02				.20	.21		.33							.95	.06						.69	.35		
PLAINFIELD	2.69	T	.62		.05		.01		T	T	.38	.18	.22							T	.14	.09				T	.57	.43			
PRINCETON WATER WORKS	2.02		.66	T	.06					.03		.22	.27							.23	.06	T				.02		.36	.11		
RAHWAY	1.84		.60		T		T				.19	.16	.10							.02	.06					T	.32	.31	.08		
RIDGEFIELD	2.90		.66	.02			.03				.35	.21	.35							T	.25					.08	.55	.29	.11		
RINGWOOD	3.64		T	.88	.07		T			.09	.10	.43	.07	.25							.55	T					.07	.09	.64	.37	.03	
SANDY HOOK LBSTA	2.36	.02	.02	.59	.01	.01	.01				.10	.12	.11	.27							.10	.03					.01	.02	.21	.72	.01	
SHILOH	3.12	T	.36	.33	.15						.34	.55	.20	.15						.03	.33	.12						.07	.49	T	
SOMERVILLE	2.50		.48	.25	.08						.18	.33	.15	.06							.13	.08				T	.45	.11	.20		
SPLIT ROCK POND	3.69			1.08	.10					.04	.08	.27	.09	.21							.41					.10	.18	.80	.33		
SUSSEX 3N //	3.36			.54	.09		T	T			.05	.79	.21	.29						T	.06	.08				.09	.20	.59	.35	.02	
SWEDESBORO 5 NW	2.11		.15	.30	.14						.01	.24	.03	.41							.17	.12				T	.01	.11	.42		
TOMS RIVER	2.48		.80									.20	.10								.66						.10	.09	.53		
TRENTON 2	3.60		.79	.13	.07		.01			.16	.15	.31	.35	T						.56	.14	.08				.11	.24	.41	.09	T	
TRENTON WB CITY P	2.72		.68	.03	.07		T			.10	.17	.15	.24							.41	.09	.06				.06	.15	.47	.04	T	
TUCKERTON		RECORD MISSING																														
VINELAND	2.98			.66	.11						.29	.21	.11	.56							.36	.05	T					.04	.59			
WANAQUE RAYMOND DAM	3.20			.94	.08		T			.02	.04	.30	.06	.28							.34	.04				.05	.16	.62	.27	T	
WERTSVILLE	2.50	T	T	.73	.12	T					.03	.25	.16	.27	T					T	.17	.09	T				.06	.39	.23	T	
WESTFIELD	2.47		.63								.25	.25	.17	.03							.15	.05				.07	.45	.28	.14	T	
WEST WHARTON	-	-	-	-	-	-	-	-	-	.09	.08	.33	.10	.26							.49	.08					.16	.56	.35		
WOODCLIFF LAKE	3.13		.74	.03	.02				.05	.02	.36	.17	.20	.04							.27					.28	.60	.25	.10		
WOODSTOWN	3.25	.08	.53	.36	.16					.20		.37	.11	.38						T	.13	.13		T			T	T	T	.80		

See Reference Notes Following Station Index

DAILY TEMPERATURES

NEW JERSEY
APRIL 1959

Station		Day Of Month																													Average
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
ATLANTIC CITY W8 AP	MAX	58	55	59	53	60	59	65	83	85	64	52	47	47	55	71	75	79	74	75	58	51	52	55	68	74	70	56	46	63	58		62.2
	MIN	36	44	38	44	33	44	36	48	53	44	45	32	32	36	40	46	50	52	54	49	43	40	38	39	41	53	45	44	43	46		42.9
ATLANTIC CITY	MAX	48	53	53	54	50	57	62	70	62	59	50	47	44	47	69	70	78	60	68	55	49	50	51	56	57	56	53	45	58	50		56.0
	MIN	38	43	38	44	36	42	38	48	52	43	44	34	35	36	39	47	50	52	52	48	44	44	40	40	48	52	45	44	42	45		43.4
AUDUBON	MAX	70	61	65	54	66	59	66	83	86	66	53	49	53	61	72	76	80	84	76	62	58	58	60	72	79	78	66	47	69	72		66.7
	MIN	40	45	38	42	35	40	36	49	55	45	45	33	32	36	40	43	46	49	53	49	42	40	40	35	44	59	46	43	42	43		42.8
BELLEPLAIN	MAX	63	56	57	57	62	58	64	82	83	82	52	52	57	58	70	75	80	81	75	64	51	53	54	69	77	76	72	54	66	64		65.5
	MIN	38	44	37	44	31	49	29	50	62	49	45	34	32	33	36	39	43	45	59	50	44	40	38	34	41	55	53	44	42	42		42.7
BELVIDERE	MAX	67	65	62	62	63	63	65	78	75	74	53	48	51	68	74	78	82	75	70	65	59	64	61	72	77	74	67	48	66	66		66.4
	MIN	34	44	36	42	30	44	30	47	47	46	45	33	29	32	38	39	40	48	50	46	41	32	33	32	44	40	48	42	40	44		39.9
BOONTON 2 SE	MAX	56	60	57	63	51	61	55	62	78	70	48	52	45	52	59	71	74	79	63	72	50	60	60	57	72	75	66	52	47	68		61.2
	MIN	32	38	38	43	31	44	38	42	46	47	43	39	28	34	37	45	54	49	48	46	41	33	29	31	45	53	49	42	39	40		40.8
BURLINGTON	MAX	69	60	65	60	66	60	65	83	86	76	52	50	56	60	73	77	81	78	76	70	58	58	58	73	80	76	68	49	69	70		67.4
	MIN	37	45	38	44	35	47	36	50	54	47	44	34	33	40	43	48	47	51	54	48	44	36	42	38	38	59	43	42	42	42		43.4
CANOE BROOK	MAX	57	59	58	65	52	65	56	64	81	76	48	53	45	51	60	71	76	79	66	73	51	60	59	59	73	78	68	54	47	69		62.4
	MIN	34	40	36	44	30	44	31	43	46	48	44	40	31	32	34	36	39	44	46	46	42	30	29	30	47	56	50	42	40	43		39.9
CAPE MAY 3 W	MAX	53	54	57	52	55	56	60	73	76	67	53	52	48	54	68	72	78	69	65	60	49	55	54	65	62	62	61	59	58	57		60.1
	MIN	41	42	42	44	43	47	43	48	52	47	45	37	34	39	48	47	49	51	53	48	44	44	42	45	48	52	52	45	43	46		45.4
CHARLOTTEBURG	MAX	55	60	56	61	49	61	53	63	78	74	47	50	43	50	59	71	75	78	62	71	48	60	59	57	70	75	65	50	45	69		60.5
	MIN	28	37	35	39	33	41	33	37	41	43	41	36	24	33	35	45	51	42	46	42	38	34	26	28	47	54	48	40	37	39		38.4
CHATSWORTH 5 S	MAX																																
	MIN																																
CLAYTON	MAX	67	65	64	55	65	62	65	84	86	79	53	52	51	59	71	75	80	84	76	66	55	52	60	72	78	77	76	47	68	71		67.2
	MIN	39	43	36	41	37	38	32	47	57	51	46	34	33	31	41	42	47	49	56	49	42	40	40	41	41	53	47	41	40	43		42.6
ELIZABETH	MAX			65	60	64	62	66	84	83	67	53	51	52	63	75	77	85	72	75	69	61	61	60	74	79	72	64	50	69	60		66.9
	MIN	34	42	36	45	32	45	34	51	53	48	44	35	33	34	43	42	45	54	49	46	44	39	35	35	48	56	47	42	41	45		42.6
ESSEX FELLS SERV BLDG	MAX	58	54	58	58	51	64	55	64	82	78	54	55	48	60	67	70	74	80	68	72	58	62	58	65	70	74	67	58	52	68		63.4
	MIN	35	37	38	40	38	41	33	40	42	50	48	40	31	35	40	45	50	52	54	45	40	36	38	45	48	52	56	40	40	44		42.4
FLEMINGTON 1 NE	MAX	68	58	64	59	64	58	65	84	80	71	53	48	53	61	74	76	80	73	75	69	61	57	60	73	77	74	65	48	68	66		66.1
	MIN	32	41	36	43	30	44	26	50	48	47	44	32	29	34	34	39	42	46	46	47	39	34	29	27	46	54	48	41	40	41		39.6
FREEHOLD	MAX	62	62	64	54	63	58	64	81	81	64	52	52	48	58	70	75	79	75	73	63	54	55	57	70	76	73	64	48	67	58		64.0
	MIN	35	42	37	43	38	44	35	48	49	45	42	34	32	33	41	44	51	49	48	46	41	39	32	33	44	55	47	41	40	43		41.7
HAMMONTON 2 NNE	MAX	59	69	59	64	55	65	59	66	85	86	60	52	44	53	58	72	76	80	84	77	55	54	58	60	73	78	79	57	47	70		65.1
	MIN	36	41	36	42	32	36	34	48	50	48	43	39	31	31	39	43	46	45	51	53	41	38	36	33	43	56	49	42	39	41		41.4
HIGH POINT PARK	MAX	50	61	54	56	48	59	48	68	77	65	45	45	44	45	55	70	76	74	72	68	49	58	54	61	71	74	61	43	41	61		58.4
	MIN	37	40	30	37	27	36	27	42	42	39	40	29	25	26	34	46	48	46	48	39	35	29	33	38	38	50	42	34	34	38		37.0
HIGHTSTOWN 1 N	MAX	68	59	63	59	64	60	63	81	80	68	52	52	49	60	71	73	79	71	73	62	57	56	58	71	77	73	65	48	68	65		64.8
	MIN	38	43	37	44	35	46	34	50	52	47	43	32	32	35	41	43	46	49	50	46	41	38	35	32	43	56	47	41	41	44		42.0
INDIAN MILLS 2 W	MAX	68	58	64	56	65	58	65	85	87	69	52	48	50	59	71	76	81	85	77	61	53	57	58	72	80	77	65	47	70	69		66.1
	MIN	36	43	37	43	29	47	30	51	51	45	43	32	32	31	34	42	44	44	51	48	41	39	32	29	37	57	46	42	40	44		40.7
JERSEY CITY	MAX	52	53	58	52	62	56	61	81	69	55	51	44	46	58	71	74	79	64	70	60	55	56	53	66	67	66	54	47	60	47		59.6
	MIN	40	41	41	43	40	48	39	53	53	43	41	32	31	38	44	51	56	49	49	45	42	38	40	42	52	53	44	40	41	42		43.7
LAMBERTVILLE	MAX	68	63	63	60	64	60	64	83	80	76	52	49	50	60	72	75	80	75	73	64	60	60	60	71	77	74	71	49	68	68		66.3
	MIN	37	43	37	43	30	45	30	49	54	48	43	33	32	35	33	38	41	45	49	47	41	36	32	32	45	56	48	42	42	44		41.0
LAURELTON 1 E	MAX	56	56	64	55	66	61	69	88	83	56	51	44	48	54	73	79	85	63	75	54	54	53	55	64	66	70	52	46	63	50		61.8
	MIN	35	41	37	35	29	41	30	51	47	42	42	32	32	31	35	45	48	47	48	45	40	34	31	29	41	50	43	42	41	43		39.6
LAYTON 3 NW	MAX	64	60	62	60	64	60	62	78	65	76	50	47	50	61	73	71	80	75	68	63	60	60	61	71	77	72	64	54	71	65		64.8
	MIN	30	42	31	42	23	31	22	45	39	41	43	35	18	18	29	29	36	39	41	44	40	22	23	26	40	43	52	40	40	40		34.8
LEESBURG STATE FARM	MAX	61	59	59	56	60	59	63	78	82	80	55	50	49	59	70	74	79	80	77	60	54	57	56	69	75	73	71	58	65	64		65.1
	MIN	38	44	39	45	32	49	30	50	55	50	45	35	33	36	39	38	43	45	57	50	42	41	38	37	45	55	53	44	42	41		43.0
LITTLE FALLS 1 E	MAX	58	58	57	65	56	65	57	66	84	77	50	54	47	55	63	75	79	82	74	74	52	63	62	63	75	79	68	55	50	69		64.4
	MIN	33	41	38	44	32	44	37	43	49	48	43	39	30	35	39	46	46	51	48	45	41	33	33	34	53	56	51	42	40	44		41.9
LONG BRANCH	MAX	53	56	61	52	60	56	62	81	64	56	51	46	47	56	72	75	80	65	70	54	53	50	53	64	68	65	50	49	61	48		59.3
	MIN	35	43	39	43	35	43	36	51	48	43	43	34	36	38	44	48	52	48	49	45	43	42	42	35	48	50	45	42	42	43		42.8
LONG VALLEY	MAX	64	60	61	56	62	54	62	80	77	72	52	46	50	59	71	75	80	76	73	65	59	58	56	71	75	71	65	52	67	66		64.5
	MIN	30	46	40	38	25	38	32	45	44	44	42	32	28	32	40	40	42	42	46	42	39	33	29	28	38	51	47	45	37	40		38.5
MILLVILLE	MAX	59	64	60	62	55	65	59	66	85	85	65	55	45	50	58	72	75	82	83	74	59	51	58	57	72	78	79	61	47	69		65.0
	MIN	40	45	39	38	35	30	33	50	58	53	46	42	33	37	41	44	47	47	56	56	44	43	40	40	43	56	54	45	43	42		44.0
MOORESTOWN	MAX	68	60	64	54	65	58	65	82	86	64	54	47	51	60	72	76	80	81	76	53	56	57	60	72	77	74	56	46	68	69		65.0
	MIN	37	44	39	43	36	48	38	52	54	48	48	32	32	35	43	46	50	50	51	48	41	36	40	34	43	59	45	43	42	43		43.3
MORRIS PLAINS	MAX	56	61	57	62	50	63	55	64	80	77	49	53	43	51	60	72	75	80	62	72	50	58	58	57	73	76	66	51	44	67		61.4
	MIN	32	39	37	42	32	42	30	42	49	46	42	38	28	32	37	45	52	48	47	45	39	34	29	29	46	54	50	40	38	41		40.2
NEWARK W8 AIRPORT	MAX	56	57	62	53	66	58	65	84	73	60	53	47	49	61	75	77	82	66	75	61	59	57	57	72	72	70	57	49	67	51		63.0
	MIN	37	42	40	44	37	46	39	52	53	46	44	33	33	38	46	48	51	51	50	47	44	40	40	40	50	54	44	41	42	45		43.9
NEW BRUNSWICK EXP STA	MAX	60	59	63	62	63	63	63	83	80	66	52	52	48	60	72	75	80	78	70	69	57	56	58	70	77	75	67	49	66	67		65.3
	MIN	36	42	37	43	33	44	34	49	49	45	42	34	31	34	40	44	46	48	47	45	40	37	36	33	46	56	47	40	40	42		41.3
NEWTON	MAX	56	63	58	62	50	64	57	64	78	74	46	51	43	50	59	72	76	78	66	69	51	60	59	59	72	78	65	49	45	67		61.4
	MIN	30	41	36	44	34	41	34	40	44	44	42	37	23	30	36	35	39	41	49	43	40	38	27	29	48	55	47	40	39	40		38.9
PATERSON	MAX	55	60	56	63	58	64	56	64	83	74	53	54	45	52	61	72	79	82	65	75	51	62	61	58	75	78	68	54	48	68		63.1
	MIN	36	40	32	43	36	43	36	41	48	46	42	39	30	36	41	52	55	50	48	45	42	36	35	45	53	55	50	41	39	41		42.5
PEMBERTON 3 E	MAX	69	59	65	55	65	63	65	84	85	73	53	50	50	61	71	75	79	82	75	64	56	57	60	71	78	76	69	48	70	68		66.5
	MIN	37	43	38	43	30	45	31	46	49	49	43	33	32	33	37	39	45	46	50	48	41	39	35	33	41	56	47	41	41	49		41.3
PHILLIPSBURG	MAX	68	69	65	64	64	65	65	78	78	76	52	52	53	60	72	75	80	80	74	70	60	63	62	72	75	77	73	51	67	69		67.6
	MIN	38	44	38	43	30	45	35	45	50	47	45	36	32	34	45	39	44	51	52	46	42	35	35	36	38	45	50	43	42	44		41.6
PLAINFIELD	MAX	61	58	65	53	65	59	65	83	78	70	52	46	51	63	74	77	82	62	72	63	60	59	60	73	79	70	64	52	69	58		64.8
	MIN	34	42	38	44	30	47	29	50	51	49	43	40	31	34	42	42	43	51	48	50	41	37	35	32	41	56	52	42	40	43		41.9
RIDGEFIELD	MAX	56	57	64	55	65	56	66	83	75	59	52	45	53	61	74	79	82	63	74	55	60	62	60	73	78	68	56	50	68	54		63.4
	MIN	36	43	38	38	34	43	36	52	51	43	44	32	32	36	38	46	48	50	48	45	43	37	35	36	50	56	42	41	41	45		42.0

See Reference Notes Following Station Index

DAILY TEMPERATURES

CONTINUED

Station		Day Of Month																													Average
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
SANDY HOOK L8STA	MAX	51	52	58	59	58	62	56	72	78	65	54	54	45	54	63	71	75	75	72	72	68	63	57	65	72	67	68	52	58	62		62.6
	MIN	36	39	38	44	38	43	39	38	45	39	40	40	33	36	42	48	42	49	41	42	42	41	43	39	48	60	47	42	40	42		41.9
SHILOH	MAX	63	57	61	57	64	58	64	84	84	78	54	52	51	58	70	73	78	81	73	61	55	59	57	69	70	76	73	50	66	69		65.5
	MIN	40	44	36	43	36	48	35	49	56	53	45	32	32	30	42	45	45	50	55	49	42	40	39	42	40	57	49	39	41	44		43.3
SOMERVILLE	MAX	64	59	63	59	64	59	64	82	77	73	52	48	51	60	71	75	80	73	71	64	59	57	60	71	77	71	69	48	69	68		65.3
	MIN	34	43	48	44	27	42	28	45	53	48	44	33	31	34	34	33	40	52	48	47	41	35	31	31	44	56	48	42	40	40		40.5
SUSSEX 3 N	MAX	54	62	58	61	49	62	53	62	79	67	46	51	43	51	59	71	76	78	66	67	50	59	58	60	72	76	64	48	46	63		60.4
	MIN	30	33	33	36	31	36	27	37	44	43	42	36	23	26	34	42	44	47	46	41	39	29	28	32	42	52	47	40	38	39		37.2
TRENTON 2	MAX	65	56	61	50	62	56	62	80	79	60	49	45	49	57	69									71	78	75	63	46	69	67		62.2
	MIN	39	42	35	42	34	43	35	49	51	43	42	31	31	35	42	43	47	49	48	44	38	35	36	36	46	57	44	41	42	44		41.5
TRENTON W8 CITY	MAX	68	60	64	53	64	57	66	83	83	59	53	45	49	60	72	76	81	65	74	57	56	56	59	71	77	74	57	46	67	67		64.0
	MIN	39	43	39	44	38	46	40	53	53	43	43	32	33	39	47	48	52	49	49	47	40	40	41	40	50	56	44	41	41	44		43.8
TUCKERTON	MAX																																
	MIN																																
WOOOSTOWN	MAX	67	62	65	60	65		66	84	86	79	55	53	51	60	72	75	81	83	75	69	57	59	59	72	78	78	75	50	69	71		68.1
	MIN	37	46	38	44	34		31	49	51	52	42	35	32	35	38	40	42	45	50	40	42	40	40	36	40	57	49	44	40	44		41.8

EVAPORATION AND WIND

Station		Day of month																													Total or Avg.
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
ATLANTIC CITY WB AIRPORT	EVAP	.09	.37	.19	.16	.21	.27	.21	.23	.11	.21	*	*	.27	.15	.32	.28	.19	.40	.12	.04	.09	.06	.26	.21	.23	.19	.09	.02	.14	.02		5.13
	WIND	71	160	197	151	122	213	96	112	80	86	41	135	79	83	139	52	99	70	75	60	42	93	64	75	84	127	61	120	97	82		2966
	MAX	68	59	65	58	66	63	69	83	85	80	55	49	58	65	75	78	80	74	78	65	55	58	61	72	77	74	67	53	63	71		67.5
	MIN	42	46	39	47	35	48	35	48	56	55	48	34	33	38	40	47	49	50	62	55	48	43	42	41	45	53	53	46	50	51		46.0

DAILY SOIL TEMPERATURES

Station And Depth		Day of month																													Average
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
NEW BRUNSWICK EXP STATION																																	
MEASURED UNDER SOD																																	
1 INCH	MAX	46	47	49	46	48	47	48	55	52	52	49	46	48	53	58	58	60	54	56	54	56	54	52	60	60	58	53	48	55	53		52.7
	MIN	40	42	42	40	43	42	39	44	48	47	46	41	40	42	44	45	47	50	49	49	47	46	45	42	48	53	48	45	45	48		44.9
2 INCHES	MAX	46	48	50	47	49	48	49	55	58	52	49	47	48	52	55	56	59	53	55	53	55	54	52	60	60	57	53	49	55	53		51.9
	MIN	40	43	42	41	43	43	39	44	48	47	47	42	41	42	44	46	47	50	49	49	48	46	45	42	48	53	49	46	45	48		45.2
4 INCHES	MAX	46	48	49	47	49	48	49	55	52	53	49	47	48	52	55	56	59	54	55	53	55	54	52	58	58	57	53	49	55	53		52.4
	MIN	40	43	42	41	43	43	40	44	48	47	47	42	41	43	44	46	47	50	49	49	48	47	46	43	49	53	49	46	46	49		45.5
8 INCHES	MAX	43	45	45	45	45	45	45	49	52	51	48	47	46	47	48	50	52	51	52	52	51	51	49	52	53	54	53	50	50	50		49.0
	MIN	40	42	43	43	41	44	42	44	48	48	47	44	43	44	45	46	48	50	49	50	49	49	47	46	49	51	50	47	47	49		46.2
16 INCHES	MAX	41	42	43	43	43	43	44	46	48	47	47	47	46	45	46	47	48	49	50	50	49	49	48	49	50	51	50	50	49	50		47.0
	MIN	39	41	42	43	42	43	42	43	45	47	46	46	44	44	45	46	47	48	48	49	48	48	48	48	48	49	50	48	48	49		45.8
32 INCHES	MAX	40	40	42	42	42	42	43	44	44	49	48	48	47	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		-
	MIN	39	40	42	42	42	42	42	42	43	47	47	47	47	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		-

Measured under Kentucky Bluegrass. Instrumentation: Copper-constantan Thermocouples connected to a Brown Electronik Potentiometer.

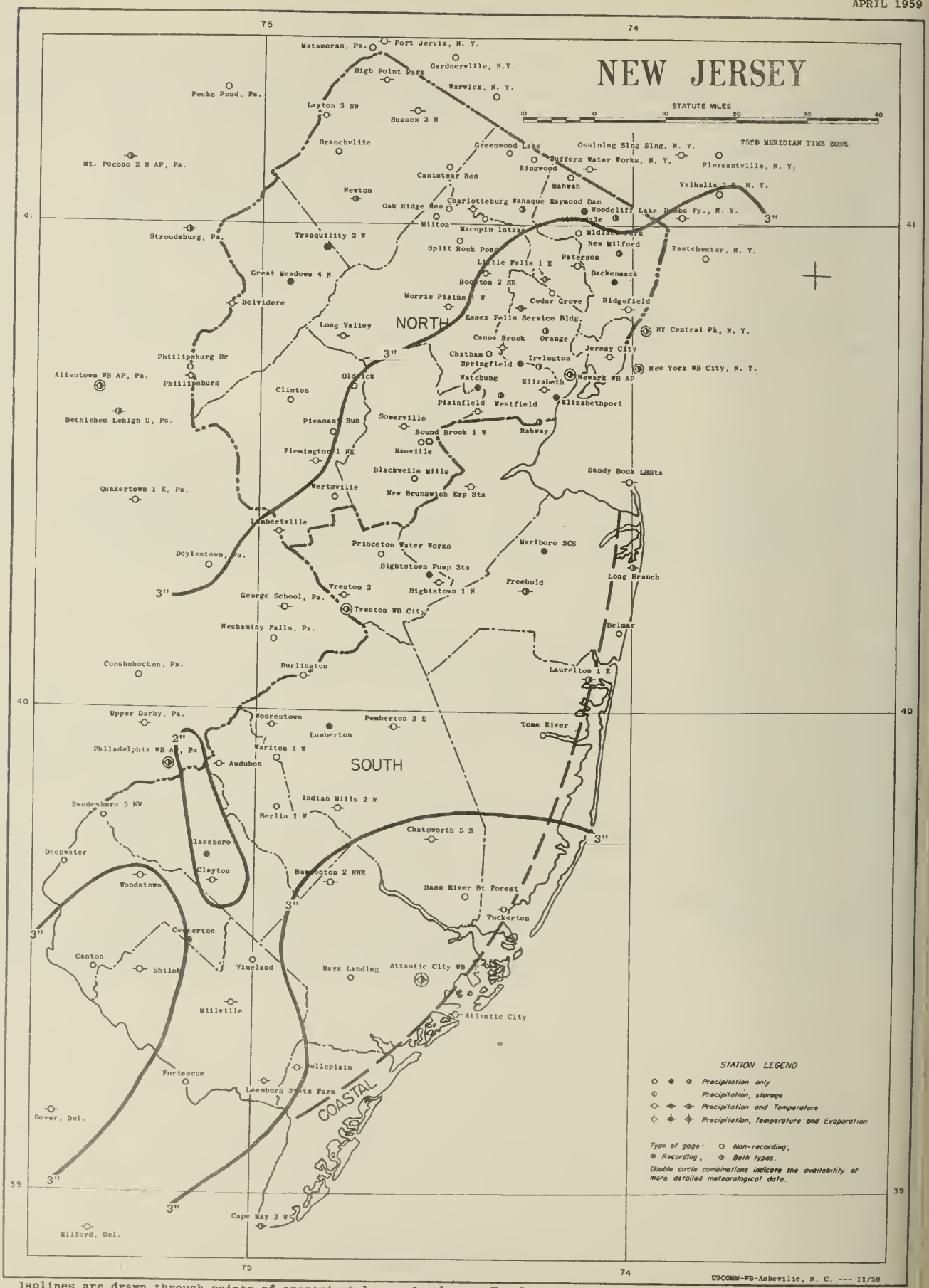
See Reference Notes Following Station Index

SNOWFALL AND SNOW ON GROUND

Station		Day of month																												
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
ATLANTIC CITY WB AIRPORT	SNOWFALL												1.8	.2																	
	SN ON GND													1																	
ATLANTIC CITY	SNOWFALL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	SN ON GND	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
BELVIDERE	SNOWFALL												.4																		
	SN ON GND												T																		
CHARLOTTEBURG	SNOWFALL													2.0																	
	SN ON GND													2																	
FLEMINGTON 1 NE	SNOWFALL												2.0	1.0																	
	SN ON GND												2																		
FREEHOLD	SNOWFALL												T	.2																	
	SN ON GND																														
HIGHTSTOWN 1 N	SNOWFALL												.5	T																	
	SN ON GND												T																		
INDIAN MILLS 2 W	SNOWFALL												T	T																	
	SN ON GND												T																		
LAMBERTVILLE	SNOWFALL												T																		
	SN ON GND												T																		
LAURELTON 1 E	SNOWFALL												T																		
	SN ON GND																														
LAYTON 3 NW	SNOWFALL											5.0	2.0																		
	SN ON GND											5	2																		
LONG BRANCH	SNOWFALL												T																		
	SN ON GND																														
LONG VALLEY	SNOWFALL												2.0																		
	SN ON GND																														
MAYS LANDING	SNOWFALL												T																		
	SN ON GND																														
MILLVILLE	SNOWFALL													-																	
	SN ON GND																														
MOORESTOWN	SNOWFALL													1.0																	
	SN ON GND													T																	
MORRIS PLAINS	SNOWFALL													2.0																	
	SN ON GND																														
NEWARK WB AIRPORT	SNOWFALL												1.1																		
	SN ON GND WTR EQUIV																														
NEW BRUNSWICK EXP STA	SNOWFALL												-																		
	SN ON GND																														
NEWTON	SNOWFALL													-																	
	SN ON GND													2																	
PATERSON	SNOWFALL													1.0																	
	SN ON GND													1																	
PEMBERTON 3 E	SNOWFALL													1.0																	
	SN ON GND																														
PHILLIPSBURG	SNOWFALL													T																	
	SN ON GND																														
PLAINFIELD	SNOWFALL												2.2																		
	SN ON GND																														
RAHWAY	SNOWFALL												T																		
	SN ON GND												T																		
RIDGEFIELD	SNOWFALL												1.0																		
	SN ON GND												1																		
SOMERVILLE	SNOWFALL											T	T																		
	SN ON GND											T																			
WANAQUE RAYMOND DAM	SNOWFALL													-																	
	SN ON GND													-																	

See reference notes following Station Index.

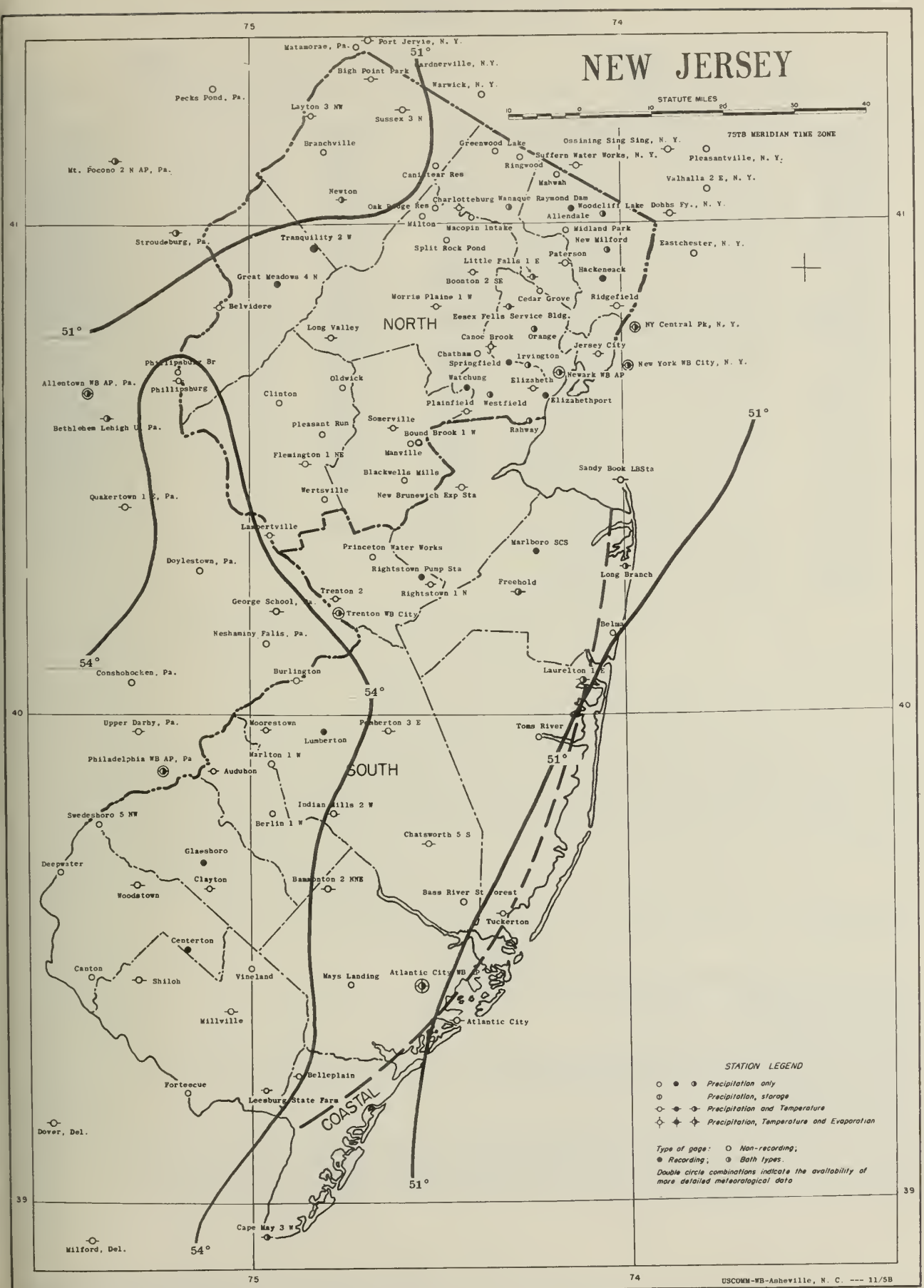
TOTAL PRECIPITATION



Isolines are drawn through points of approximately equal values. Hourly precipitation data from recorder substations will be available in the publication "Hourly Precipitation Data".

AVERAGE TEMPERATURE

NEW JERSEY
APRIL 1959



Isolines are drawn through points of approximately equal values. Hourly precipitation data from recorder substations will be available in the publication "Hourly Precipitation Data".

STATION INDEX

STATION	INDEX NO.	COUNTY	DRAINAGE ‡	LATITUDE	LONGITUDE	ELEVATION	OBSERVATION TIME AND TABLES: TEMP.	PRECIP.	EVAP.	SPECIAL (SEE NOTES)	OBSERVER
ALLENDALE	0100	BERGEN	8	41 02	74 08	270				C	BERGEN COUNTY ENGINEERS
ATLANTIC CITY WB AP	0311	ATLANTIC	1	39 27	74 35	58	M1D	M1D	TP	C HJ	U.S. WEATHER BURLAU
ATLANTIC CITY	0325	ATLANTIC	1	39 23	74 26	10	M1D	M1D		H	STATE MARINA
AUDUBON	0346	CAMDEN	2	39 54	75 04	50	11P	11P			IRVIN J. NYGREN
BASS RIVER ST FORES7	0528	BURLING7ON	1	39 37	74 26	20		6P		H	N. J. FORESTRY SERVICE
BELLEPLAIN	0690	CAPE MAY	1	39 16	74 52	49	5P	5P			MRS. ED C. MOFFMAN
BELMAR	0721	MONMOUTH	1	40 10	74 02	19					INACTIVE 1/58
BELVIDERE	0729	WARREN	2	40 50	75 05	275	5P	5P		H	CLEMENT HAUPT
BERLIN 1 W	0787	CAMDEN	7	39 48	74 57	150		7A			SAMUEL M. MC CULLEY
BLACKWELLS MILLS	0847	SOMERSET	10	40 29	74 35	27		7A			HENRY M. MILLER
BOON7ON 2 SE	0907	MORRIS	8	40 54	74 24	280	8A	8A			JERSEY CITY WATER WORKS
BOUND BROOK 1 W	0927	SOMERSET	10	40 33	74 33	20		8A			AMERICAN CYANAMID CO.
BRANCHVILLE	0978	SUSSEX	2	41 09	74 45	570		7A			ALBERT M. DAVENPORT
BURLINGTON	1211	BURLINGTON	2	40 04	74 53	12	6P	6P			PUBLIC SVC. E. + G. CO.
CANISTEAR RESERVOIR	1327	SUSSEX	8	41 07	74 30	1040		8A			NEWARK WATER DEPARTMENT
CANOE BROOK	1335	ESSEX	8	40 45	74 21	180	9A	9A	9A		COMMONWEALTH WATER CO.
CANTON	1343	SALEM	2	39 28	75 25	20		9A			GERTRUDE S. WILLIS
CAPE MAY 3 W	1351	CAPE MAY	1	38 56	74 57	17	5P	5P		C	N.WEST MAGNESITE CO.
CEDAR GROVE	1472	ESSEX	8	40 52	74 13	400		8A			J. A. PLUNKETT
CENTERTOM	1512	SALEM	6	39 31	75 10	80				C	JOHN HOPKINS UNI.
CHARLOTTEBURG	1582	PASSAIC	8	41 03	74 26	760	7A	7A		H	NEWARK WATER DEPT.
CHATHAM	1590	MORRIS	8	40 44	74 23	185		8A			EDWARD P. MOLITOR
CHATSWORTH 5 S	1598	BURLINGTON	1	39 44	74 32	90	5P	5P			INACTIVE 5/58
CLAYTON	1708	GLOUCESTER	6	39 39	75 06	120	6P	6P		H	HARRY P. CAMPBELL
CLINTON	1749	HUNTERDON	10	40 38	74 55	300		6P			L. W. KLOCKNER
DEEPWATER	2209	SALEM	2	39 41	75 30	12		M1D			OU POMT DE NEMOURS
ELIZABETH	2644	UNION	1	40 40	74 14	33	5P	5P			UNION CO. PARK COMM.
ELIZABETHPORT	2652	UNION	8	40 39	74 12	30		M1D		C	SEWAGE TRLATMENT PLANT
ESSEX FELLS SERV BLDG	2768	ESSEX	8	40 50	74 18	250	8A	8A		C	BOROUGH ESSEX FELLS
FLEMINGTOM 1 NE	3029	HUNTERDON	10	40 31	74 51	134	5P	5P		H	DONALD YOUNG
FORTESCUE	3102	CUMBERLAND	2	39 14	75 10	5		7A			JOHN LOPER
FREEHOLD	3181	MONMOUTH	10	40 15	74 17	194	6P	6P		C H	FRANK J. MORLAU
GLASSBORO	3291	GLOUCESTER	2	39 42	75 07	150				C	PROF. J. B. SANGREE
GREAT MEADOWS 4 N	3416	WARREN	2	40 56	74 55	540				C	GAMMA CHEMICAL CORP.
GREENWOOD LAKE	3516	PASSAIC	8	41 09	74 20	660		7A			GEORGE T. WIGGINS
HACKENSACK	3572	BERGEN	4	40 53	74 03	10				C	BERGEN COUNTY ENGINEERS
HAMMONTON 2 NNE	3662	ATLANTIC	7	39 39	74 48	85	8A	8A			W. HUBBARD PARKHURST
HIGH POINT PARK	3935	SUSSEX	2	41 18	74 40	1570	8A	8A			M. J. DEPT. OF CONS.
HIGHTSTOWN 1 N	3951	MERCER	10	40 16	74 31	100	8P	8P		H	JAMES R. PICKERING
HIGHTSTOWN PUMPING STA	3956	MERCER	10	40 17	74 32	75				C	DEPT. WATER + SEWAGE
INDIAN MILLS 2 W	4229	BURLINGTON	7	39 48	74 47	100	7P	7P		H	EDWARD ENTWISTLE
IRVINGTON	4260	ESSEX	1	40 43	74 15	120		M1D		C	JOINT MELTING GARAGE
JERSEY CITY	4339	HUDSOM	1	40 44	74 04	135	M+D	M1D			JERSEY CITY WATER DEPT.
LAMBERTVILLE	4635	HUNTERDON	2	40 22	74 57	75	6P	6P		H	E. E. CASE
LAURELTON 1 E	4700	OCEAN	1	40 04	74 07	20	M1D	M1D		C H	GEORGE G. WADDILL
LAYTON 3 NW	4735	SUSSEX	2	41 15	74 51	480	6P	6P		H	A. M. DEPUE
LEESBURG STATE FARM	4762	CUMBERLAND	6	39 14	74 58	10	4P	4P			LEESBURG STATE FARM
LITTLE FALLS 1 E	4887	PASSAIC	8	40 53	74 14	157	9A	9A		C H	PASSAIC VLY. WTR. COMM.
LONG BRANCH	4987	MONMOUTH	1	40 18	73 59	34	M1D	M1D		C HJ	WILLIAM O. MARTIN, JR.
LONG VALLEY	5003	MORRIS	10	40 48	74 46	660	6P	6P		H	ARTHUR BARKHAN
LUMBERTON	5055	BURLINGTON	2	39 58	74 48	25				C	JAMES LAWTON
MACOPIN INTAKE	5071	PASSAIC	8	41 01	74 24	584		9A			NEWARK WATER DEPT.
MAHWAH	5104	BERGEN	8	41 06	74 10	253		7A			ROBERT O. GLASGOW
MANVILLE	5197	SOMERSET	10	40 33	74 34	50		M1D			JOHN L. RADCLIFFE
MARLBORO SCS	5244	MONMOUTH	1	40 20	74 14	120				C	GEROW BRILL

STATION	INDEX NO.	COUNTY	DRAINAGE ‡	LATITUDE	LONGITUDE	ELEVATION	OBSERVATION TIME AND TABLES: TEMP.	PRECIP.	EVAP.	SPECIAL (SEE NOTES)	OBSERVER
MARL7ON 1 W	5252	BURLINGTON	2	39 54	74 57	90		6P			
MAYS LANDING	5346	ATLANTIC	3	39 27	74 44	50		5P		H	ELMER EARLE
MIDLAND PARK	5503	BERGEN	1	40 59	74 09	210		M1D			RIDGEWOOD WATER CO.
MILLVILLE	5576	CUMBERLAND	6	39 24	75 03	60	8A	8A		C H	L. J. GALLAHER
MILTON	5597	MOR-+S	8	41 01	74 32	950		7A			JERSEY CITY WATER WKS.
MOORESTOWN	5728	BURLING7ON	2	39 58	74 58	55	M1D	8A		H	M. J. WILLARO
MORRIS PLAINS	5769	MORRIS	8	40 50	74 30	500	8A	8A		H	JAMES C. LONG
NEWARK WB AIRPORT	6026	ESSEX	1	40 42	74 10	11	M1D	M1D		C HJ	U. S. WEATHER BUREAU
NEW BRUNSWICK EXP STA	6062	MIDDLESEX	10	40 28	74 26	80	5P	5P		GH	ARTHUR M. AHLDUIST
NEW MILFORD	6146	BERGEN	4	40 57	74 02	12		M1D		C	HACKENSACK WATER CO.
NEWTON	6177	SUSSEX	2	41 03	74 45	565	8A	8A		C H	NEWTON WTR. + SWR. COMM.
OAK RIDGE RESERVOIR	6460	PASSAIC	8	41 02	74 30	870		8A			NEWARK WATER DEPT.
OLDWICK	6544	HUNTERDON	10	40 40	74 45	260		8A			DAN A. COUGHLIN
ORANGE	6560	ESSEX	8	40 47	74 14	140		M1D		C	COUNTY ENGINEER
PATERSON	6775	PASSAIC	8	40 55	74 09	100	8A	8A		H	P. J. OEL VECCHIO
PEMBERTON 3 E	6843	BURLINGTON	2	39 58	74 38	60	5P	5P		H	CHARLES A. DOEHLERT
PHILLIPSBURG	6974	WARREN	2	40 41	75 12	182	3P	3P		H	SEWAGE DISPOSAL PLANT
PHILLIPSBURG BRIDGE	6979	WARREN	2	40 42	75 12	196		9A			JOINT TOLL BRIDGE COMM.
PLAINFIELD	7079	UNION	10	40 36	74 25	120	8P	8P		H	MRS VIVIAN SCHERER
PRINCE7ON WATER WORKS	7328	MERCER	10	40 19	74 40	90		M1D			PRINCETON WATER CO.
RAHWAY	7393	UNION	9	40 36	74 15	20		M1D		C H	RAHWAY VLY. SWG. AUTH.
RIDGEFIELD	7545	BERGEN	4	40 50	74 01	80	M1D	M1D		H	GEORGE P. KIRSTEN
RINGWOOD	7587	PASSAIC	8	41 08	74 16	305		10A			NO. JERSEY WTR. SUPPLY
SANDY HOOK LBSTA	7869	MONMOUTH	1	40 28	74 01	22	TP	7P			U. S. COAST GUARD
SMILOH	8051	CUMBERLAND	2	39 28	75 18	120	5P	5P			EVERETT DICKINSON
SOMERVILLE	8194	SOMERSET	10	40 34	74 37	75	6P	6P		H	W. E. HAVER
SPLIT ROCK POND	8402	MORRIS	8	40 58	74 28	800		10A			JERSEY CITY D. P. W.
SPRINGFIELD	8423	UNION	1	40 43	74 18	-				C	N. J. DEPT. OF CONS.
SUSSEX 3 N	8644	SUSSEX	5	41 14	74 35	530	7A	7A			BRICE B. STANTON
SWEDESBORO 5 NW	8685	GLOUCESTER	2	39 47	75 24	10		12N			SUN OIL CO.
TOMS RIVER	8816	OCEAN	1	39 57	74 14	10		5P			ROBERT F. SNYDER
TRANQUILITY 2 W	8858	WARREN	2	40 57	74 50	551				C	M. J. ERVEY
TRENTON 2	8878	MERCER	2	40 14	74 46	105	M1D	M1D			E. M. RISTOW
TRENTON WB CITY	8883	MERCER	2	40 13	74 46	56	M1D	M1D		C HJ	U.S. WEATHER BUREAU
TUCKERTON	8899	OCEAN	1	39 36	74 20	10	6P	6P			REV EDWARD D. MCGILL
VINELAND	9135	CUMBERLAND	6	39 29	75 00	110		8A			STATE HOME FOR WOMEN
WANAQUE RAYMOND DAM	9187	PASSAIC	8	41 03	74 18	320		8A		C H	WATER SUPPLY COMM.
WATCHUNG	9271	UNION	8	40 40	74 25	-				C	BONNIE BURN SANITARIUN
WERTSVILLE	9363	HUNTERDON	10	40 27	74 48	160		7A			ROBERT M. MANNERS
WESTFIELD	9455	UNION	9	40 39	74 21	138		5P		C	CITY ENGINEER
WOODCLIFF LAKE	9832	BERGEN	4	41 01	74 03	103		N10		C	HACKENSACK WATER CO.
WOODSTOWN	9910	SALEM	2	39 39	75 19	50	5P	5P			CREAN VALLEY DAIRY
NEW STATIONS											
BERNARDSVILLE 2 E	0797	SOMERSET	8	40 43	74 32	240		7A			BERHARDS WATER COMPANY
WEST WHARTON	9608	MORRIS	8	40 54	74 36	680		7A			N.J. POWER + LIGHT CO.
PUBLICATION ENDED											
PLEASANT RUN	7123	HUNTEROON	10	40 34	74 48	140		7A			EFFECTIVE 4/59

‡ 1-COASTAL; 2-DELAWARE; 3-GREAT EGG HARBOR; 4-HACKENSACK; 5-HUDSON; 6-MAURICE; 7-MULLICA; 8-PASSAIC; 9-RAHWAY; 10-RARITAN; 11-ROCKAWAY

REFERENCE NOTES

Additional information regarding the climate of New Jersey may be obtained by writing to the State Climatologist at Weather Bureau Office, c/o General Delivery, Trenton, New Jersey or to any Weather Bureau Office near you.

Figures and letters following the station name, such as 12 SSW, indicate distance in miles and direction from the post office.

Delayed data and corrections will be carried only in the June and December issues of this bulletin.

Monthly and seasonal snowfall and heating degrees for the preceding 12 months will be carried in the June issue of this bulletin.

Stations appearing in the index, but for which data are not listed in the tables, either are missing or were received too late to be included in this issue.

Divisional, as used in "Climatological Data" Table and on the maps, became effective with data for September 1958.

Unless otherwise indicated, dimensional units used in this bulletin are: Temperature in °F, precipitation and evaporation in inches and wind movement in miles. Monthly degree day totals are the sums of the negative departures of average daily temperatures from 65° F.

Evaporation is measured in the standard Weather Bureau type pan of 4 foot diameter unless otherwise shown by footnote following the "Evaporation and Wind" Table. Max and Min in "Evaporation and Wind" Table refer to extremes of temperature of water in pan as recorded during 24 hours ending at time of observation.

Long-term means for full-time stations (those shown in the Station Index as "U. S. Weather Bureau") are based on the period 1921-1950, adjusted to represent observations taken at the present location. Long-term means for all stations except full-time Weather Bureau stations are based on the period 1931-1955.

Water equivalent values published in the "Snowfall and Snow on Ground" Table are the water equivalent of snow, sleet, or ice on the ground. Samples for obtaining measurements are taken from different points for successive observations; consequently occasional drifting and other causes of local variability in the snowpack may result in apparent inconsistencies in the record.

Entries of snowfall in the "Climatological Data" Table and the "Snowfall and Snow on Ground" Table, and in the "Seasonal Snowfall" Table include snow and sleet. Entries of snow on ground include snow, sleet and ice.

Data in the "Daily Precipitation" Table; "Daily Temperature" Table; and "Evaporation and Wind" Table, and snowfall in the "Snowfall and Snow on Ground" Table, when published, are for the 24 hours ending at time of observation. The Station Index shows observation times in local standard time. During the summer months some observers take the observations on daylight saving time.

Snow on ground in the "Snowfall and Snow on Ground" Table is at observation time for all except Weather Bureau and FAA stations. For these stations snow on ground values are at 7:00 a.m., E.S.T.

In the Station Index the letters C, G, 8, and J in the "Special" column under the heading "Observation Time and Tables", indicate the following:

C Recording Rain Gage Station. Hourly precipitation values are processed for special purposes, and are published later in "Hourly Precipitation Data" Bulletin.
G "Soil Temperature" Table.
8 "Snowfall and Snow on Ground" Table. Omission of data in any month indicates no snowfall and/or snow on ground in that month.
J "Supplemental Data" Table.

OTHER REFERENCE NOTES

No record in the "Climatological Data" Table and the "Daily Temperature" Table is indicated by an entry.
Interpolated values for monthly precipitation totals may be found in the annual issue of this publication.
\- No record in the "Daily Precipitation" Table; "Evaporation and Wind" Table; "Snowfall and Snow on Ground" Table; and the Station Index.
\+ And also on an earlier date or dates.
++ Fastest observed one minute wind speed. This station is not equipped with automatic wind instruments.
* Amount included in following measurement, time distribution unknown.
\# Thermometers are generally exposed in a shelter located a few feet above sod-covered ground, however, the reference indicates that the thermometers are exposed in a shelter located on the roof of a building.
// Gage is equipped with a windshield.
AR This entry in time of observation column in Station Index means after rain.
AM Data based on observational day ending before noon.
8 Adjusted to a full month.
D Water equivalent of snowfall wholly or partly estimated, using a ratio of 1 inch water equivalent to every 10 inches of new snowfall.
M One or more days of record missing; if average value is entered, less than 10 days record is missing. See "Daily Temperature" Table for detailed daily record. Degree day data, if carried for this station, have been adjusted to represent the value for a full month.
R Amounts from recording gage. (These amounts are essentially accurate but may vary slightly from the amounts to be published later in Hourly Precipitation Data.)
SS This entry in time of observation column in Station Index means observation made near sunset.
T Trace, an amount too small to measure.
V Includes total for previous month.
X Observation time is 1:00 a.m., E.S.T. of the following day.
VAR This entry in time of observation column in Station Index means variable.

General weather conditions in the U. S. for each month are described in the publications MONTHLY WEATHER REVIEW, MONTHLY CLIMATOLOGICAL DATA-NATIONAL SUMMARY, and STORM DATA, all of which may be obtained from the Superintendent of Documents, Government Printing Office, Washington 25, D. C.

Information concerning the history of changes in locations, elevations, exposure etc., of substations through 1955 may be found in the publication "Substation History" for this state. That publication may be obtained from the Superintendent of Documents, Government Printing Office, Washington 25, D. C. for 15 cents. Similar information for regular Weather Bureau stations may be found in the latest annual issue of Local Climatological Data for the respective stations, obtained as indicated above, price 15 cents.

Subscription Price: 20 cents per copy, monthly and annual; $2.50 per year. (Yearly subscription includes the Annual Summary). Checks, and money orders should be made payable to the Superintendent of Documents. Remittance and correspondence regarding subscriptions should be sent to the Superintendent of Documents, Government Printing Office, Washington 25, D. C.

USCOMM-WB-Ashville, N. C. ---6/3/59 --- 775

51.05
NNJ

U. S. DEPARTMENT OF COMMERCE
LEWIS L. STRAUSS, Secretary
WEATHER BUREAU
F. W. REICHELDERFER, Chief

CLIMATOLOGICAL DATA

NEW JERSEY

MAY 1959
Volume LXIV No. 5



THE LIBRARY OF THE
1959
UNIVERSITY OF ILLINOIS

ASHEVILLE: 1959

NEW JERSEY - MAY 1959

TEMPERATURE AND PRECIPITATION EXTREMES

Highest Temperature: 93° on the 31+ at 4 stations

Lowest Temperature: 28° on the 9th at Layton 3 NW

Greatest Total Precipitation: 5.03 inches at Atlantic City WB AP

Least Total Precipitation: 0.40 inch at Belvidere

Greatest One-Day Precipitation: 4.15 inches on the 29th at Atlantic City WB AP

CLIMATOLOGICAL DATA

Station		Temperature												Precipitation									
										No. of Days								Snow, Sleet			No. of Days		
										Max.		Min.											
		Average Maximum	Average Minimum	Average	Departure From Long Term Means	Highest	Date	Lowest	Date	Degree Days	90° or Above	32° or Below	32° or Below	0° or Below	Total	Departure From Long Term Means	Greatest Day	Date	Total	Max. Depth on Ground	Date	.10 or More	.50 or More	1.00 or More
NORTHERN																							
BELVIDERE		77.3	51.3	64.3	2.0	91	28	36	9	116	2	0	0	0	.40	- 3.83	.21	1	.0	0		1	0	0
BOONTON 2 SE	AM	74.1	50.5	62.3	3.0	90	29	35	9	165	1	0	0	0	2.35	- 2.00	.70	14	.0	0		5	2	0
CANOE BROOK	AM	74.8	50.5	62.7	3.8	90	29+	34	4	164	3	0	0	0	1.48	- 3.05	.84	14	.0	0		4	1	0
CHARLOTTEBURG	AM	73.0	47.4	60.2	1.3	90	21	32	9	215	1	0	1	0	.97	- 3.44	.53	14	.0	0		2	1	0
ELIZABETH		77.5	53.3	65.4	3.1	91	30+	39	16	105	4	0	0	0	1.78	- 2.56	1.05	13	.0	0		4	1	1
ESSEX FELLS SERV BLDG	AM			M											1.72		.81	14	.0	0		4	2	0
FLEMINGTON 1 NE		77.7	49.3	63.5	1.4	93	29	35	17+	141	4	0	0	0	1.47	- 2.87	.94	13	.0	0		3	1	0
HIGH POINT PARK	AM	72.6	48.5	60.6		88	13	34	16	208	0	0	0	0	1.09		.54	14	.0	0		3	1	0
JERSEY CITY		72.1	54.6	63.4	2.0	89	30	42	16	136	0	0	0	0	1.42	- 2.53	.55	22	.0	0		5	1	0
LAMBERTVILLE		78.2	52.2	65.2	3.6	91	29+	35	9	121	4	0	0	0	1.67	- 2.70	.75	13	.0	0		4	1	0
LAYTON 3 NW		75.4	47.5	61.5	3.1	90	29+	28	9	185	3	0	2	0	1.65	- 2.46	.37	13	.0	0		7	0	0
LITTLE FALLS 1 E	AM	77.2	52.3	64.8	3.5	92	29+	39	16+	126	6	0	0	0	1.41	- 3.17	.79	14	.0	0		3	1	0
LONG VALLEY		75.6	47.4	61.5		90	29	33	15+	182	1	0	0	0	1.67	- 2.63	.63	1	.0	0		4	2	0
MORRIS PLAINS	AM	75.1	50.6	62.9		92	29	37	17+	160	1	0	0	0	2.12		.80	14	.0	0		5	1	0
NEWARK WB AIRPORT	R	76.2	55.2	65.7	4.6	92	28+	42	16	101	5	0	0	0	1.47	- 2.26	.45	13	.0	0		4	0	0
NEWTON	AM	74.5	48.1	61.3	1.9	91	30	30	9	195	2	0	1	0	.96	- 3.28	.32	14	.0	0		5	0	0
PATERSON	AM	77.1	53.4	65.3	3.2	93	21	39	16	114	6	0	0	0	1.53	- 2.95	.81	14	.0	0		3	1	0
PHILLIPSBURG		79.1	52.5	65.8	4.4	90	30+	38	9	104	5	0	0	0	1.48	- 2.82	.48	1	.0	0		5	0	0
PLAINFIELD		77.1	52.5	64.8	3.5	91	28+	37	17+	118	5	0	0	0	1.39	- 2.99	.96	13	.0	0		3	1	0
RIDGEFIELD		76.3	53.7	65.0	3.9	92	20	39	9	122	3	0	0	0	1.73	- 2.54	.69	22	.0	0		3	2	0
SOMERVILLE		76.9	51.5	64.2	3.0	91	29	36	16	127	2	0	0	0	1.26	- 2.86	.75	13	.0	0		4	1	0
SUSSEX 3 N	//AM	74.2	47.7	61.0	.6	91	30	33	25	205	3	0	0	0	.78	- 3.18	.34	14	.0	0		2	0	0
DIVISION				63.4	2.7										1.45	- 2.84			.0					
SOUTHERN																							
ATLANTIC CITY WB AP		75.2	52.9	64.1	3.9	91	30	39	16+	131	3	0	0	0	5.03	2.05	4.15	29	.0	0		4	1	1
AUDUBON		79.3	54.6	67.0		93	30+	39	17	81	5	0	0	0	.75		.75	13	.0	0		1	1	0
BELLEPLAIN		77.7	53.8	65.8		90	31+	37	9	120	2	0	0	0	1.17	- 2.90	.45	14	.0	0		4	0	0
BURLINGTON		79.2	55.3	67.3	3.0	92	28+	36	17	78	5	0	0	0	1.03	- 3.05	.65	13	.0	0		3	1	0
CLAYTON		77.6	54.3	66.0		90	29	38	17	94	1	0	0	0	3.72		1.90	13	.0	0		5	2	2
FREEHOLD		77.4	52.3	64.9	3.2	90	29+	36	17	126	3	0	0	0	2.18	- 1.95	.90	13	.0	0		4	2	0
HAMMONTON 2 NNE	AM	78.8	51.5	65.2	2.4	92	29+	38	18+	109	5	0	0	0	3.08	- 1.07	1.82	14	.0	0		3	2	1
HIGHTSTOWN 1 N		77.3	52.3	64.8	3.4	91	28	36	9	121	3	0	0	0	1.39	- 2.45	.79	13	.0	0		3	1	0
INDIAN MILLS 2 W		78.4	51.9	65.2	3.1	92	30+	33	17	117	4	0	0	0	2.37	- 1.73	1.40	13	.0	0		6	1	1
LAURELTON 1 E																							
LEESBURG STATE FARM		77.4	53.9	65.7		91	30	38	9+	111	1	0	0	0	1.79		.92	14	.0	0		6	1	0
MILLVILLE		77.0	54.6M	65.8M		93	31+	40	17	103	4	0	0	0	1.70		1.11	14	.0	0		3	1	1
MOORESTOWN		77.1	52.4	64.8	3.1	91	29+	37	17+	127	3	0	0	0	1.28	- 3.05	.72	14	.0	0		3	1	0
NEW BRUNSWICK EXP STA		76.9	52.8	64.9	3.2	90	28	38	17+	122	1	0	0	0	1.26	- 2.73	.50	14+	.0	0		3	2	0
PEMBERTON 3 E		78.2	52.3	65.3	2.3	92	30	34	17	117	4	0	0	0	1.80	- 2.18	.61	13	.0	0		5	2	0
SHILOH		77.7	54.7	66.2	2.9	90	30+	40	17+	101	2	0	0	0	2.13	- 2.07	1.32	13	.0	0		3	2	1
TRENTON 2		76.8	54.0	65.4		91	29+	39	16	107	3	0	0	0	2.27	- 2.07	1.19	13	.0	0		3	2	1
TRENTON WB CITY	R	76.1	54.8	65.5	3.7	90	29+	41	16	108	4	0	0	0	2.41	- 1.07	1.29	13	.0	0		5	1	1
TUCKERTON																							
WOODSTOWN		79.6	54.1	66.9		92	30+	38	17+	89	4	0	0	0	1.34		.86	13	.0	0		4	1	0
DIVISION				65.6	3.5										2.04	- 1.95			.0					
COASTAL																							
ATLANTIC CITY	R	67.7	54.4	61.1	2.0	90	30	41	16	154	1	0	0	0	3.50	.52	1.40	29	.0	0		5	3	2
CAPE MAY 3 W		72.1	55.7	63.9		88	22	46	5+	102	0	0	0	0	1.69		.90	14	.0	0		5	1	0
LONG BRANCH	R	73.1	53.5	63.3	3.5	90	30+	39	16	142	3	0	0	0	1.40	- 2.24	.92	13	.0	0		2	1	0
SANDY HOOK LBSTA		74.1	54.7	64.4	4.2	89	29	43	16+	115	0	0	0	0	1.51	- 2.10	1.03	14	.0	0		2	1	1
DIVISION				63.2	3.3										2.03	- 1.34			.0					

SUPPLEMENTAL DATA

Station	Wind direction		Wind speed m. p. h.				Relative humidity averages - percent				Number of days with precipitation							Percent of possible sunshine	Average sky cover sunrise to sunset
	Prevailing	Percent of time from prevailing	Average	Fastest mile	Direction of fastest mile	Date of fastest mile	1:00 a EST	7:00 a EST	1:00 p EST	7:00 p EST	Trace	.01-.09	.10-.49	.50-.99	1.00-1.99	2.00 and over	Total		
ATLANTIC CITY WB AIRPORT	S	15	11.7	-	-	-	80	77	46	62	3	2	3	0	0	1	9	-	6.4
ATLANTIC CITY	-	-	10.8	28	NW	15+	-	-	-	-	-	2	2	1	2	0	-	51	-
LONG BRANCH	SW	12	12.0	29	NW	24+	-	75	58Ø	59	3	5	1	1	0	0	10	72	5.9
NEWARK WB AIRPORT	SSW	12	9.1	23++	WNW	17+	69	71	45	53	7	5	4	0	0	0	16	-	6.1
TRENTON WB CITY	-	-	8.9	35	N	7	-	-	-	-	3	1	4	0	1	0	9	73	5.8

Ø 12:00 Noon

See Reference Notes Following Station Index

DAILY PRECIPITATION

Station	Total	Day of month																														
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
ATLANTIC CITY WB AP	5.03	.12	T										T	.42	.05	.06				.23									T	4.15		
ATLANTIC CITY R	3.50	.15												1.03	.04	.05				.20									.63	1.40		
AUDUBON	.75	T											T	.75		T													T		
BASS RIVER ST FOREST	1.55													.93		.07				.26										*	.29	
BELLEPLAIN	1.17	.34												.10	.45					.28												
BELVIDERE	.40	.21	T	.02				T					.05	.04	.07					.01					T			T				
BERLIN 1 W	1.35	*												*	1.00		.35															
BERNARDSVILLE 2 E	1.53	.23		.06					.13						.80		.01				.03			.27								
BLACKWELLS MILLS	1.88	.25	.01	.05					.19						1.22		.03			.06				.07								
BOONTON 2 SE	2.35	.46	T	.11					.35						.70			T		T	.02			.66	T					.05		
BOUND BROOK 1 W	1.38	.29		T					.06						1.00									.03							T	
BRANCHVILLE	.82	.28		.08										.04	.35				.04					.03								
BURLINGTON	1.03	.12		.02										.65	.10													.08	.06			
CANISTEAR RESERVOIR	.81	.24		.06					T					.01	.44			T	T		.06											
CANOE BROOK	1.48	.22		.12					.21						.84				T	T	.02			.07	T							
CANTON	1.72	.26												.21	1.07	.08									.10							
CAPE MAY 3 W	1.69	.26						.03						.13	.90										.10					.27		
CEDAR GROVE	1.84	.30							.30						.85									.39								
CHARLOTTEBURG	.97	.26		.05											.53		.01	T			.08			.02	.02							
CHATHAM	1.20	.20		.10					.18						.69				T	T	.03			T	T							
CLAYTON	3.72	.22												1.90	.09	.10				T									1.01	.40		
CLINTON	1.26	.29		.04				.10						.63	.10													.02		.05	.03	
DEEPWATER	1.18	.10											.05	.84	.04	.15																
ELIZABETH	1.78	.26	.05	.11										1.05	.15	.01	.01		.01	.02			.07							.04		
ELIZABETHPORT	1.51	.25	.03	.08				.24						.79	.07				.01	T			T							.04		
ESSEX FELLS SERV BLDG	1.72	.12							.15						.81									.64								
FLEMINGTON 1 NE	1.47	.26		.01					.03				T	.94	.09	T	T	T		T	T		T	T				T	T		.14	
FORTESCUE	4.08	.20												.05	1.17					.32											2.25	
FREEHOLD	2.18	.27		.06					.07				T	.90	.19					.08					.09					.58		
GREENWOOD LAKE	1.09	.24		.04					.24						.44			.03	.02		.08				.03						T	
HAMMONTON 2 NNE	3.08	.28												.04	1.82		.07			.06											.81	
HIGH POINT PARK	1.09	.40													.54			T			.15											
HIGHTSTOWN 1 N	1.39	.27	T	.03				T	.19		T			.79	.08	T				.01										T	.02	
INDIAN MILLS 2 W	2.37	.32		T									T	1.40	.10	.10				.18									T	.27		
IRVINGTON	1.86	.20	.03	.06				.45						.52	.06					.03			.51									
JERSEY CITY	1.42	.20	.25	.04				.10						.14	.09			.02	.03	T			.55									
LAMBERTVILLE	1.67	.35							.27					.75	.09															T	.21	
LAURELTON 1 E		RECORD MISSING																														
LAYTON 3 NW	1.65	.20		.20										.37	.33	T		.16	.09	.13										.02	.15	
LEESBURG STATE FARM	1.79	.22												.11	.92	.10				.25					.08						.11	
LITTLE FALLS 1 E	1.41	.34		.06					.15						.79					T	.01			.06								
LONG BRANCH R	1.40	.30	.03	.03				T					T	.92	.05	T				.02			T	.05					T			
LONG VALLEY	1.67	.63	.03					.14						.57	.06	.04				.03			.17									
MACOPIN INTAKE	1.05	.28		.07										.01	.65		T	T			.03										.01	
MAHWAH	.94	.28		.02					.08						.45			.02	.01	T	.07			.01								
MANVILLE	1.53	.33	T	.02				.10						1.00									.05							.03		
MARLTON 1 W	1.51	.15												.66	.50	.08															.12	
MAYS LANDING	2.40	.10												.30	.20	.10				.25										.70	.75	
MIDLAND PARK	1.50	.41		.03				.04						.84				.08		.09				.01								
MILLVILLE	1.70	.30												.02	1.11	.06	.02		.01	.18												
MILTON	1.14	.25		.08										.09	.49				.02		.03			.16							.02	
MOORESTOWN	1.28	.14												.06	.72		.09			.02	T										.25	
MORRIS PLAINS	2.12	.45		.10					.41					T	.80		T	T	T	T	T		T	.36	T							
NEWARK WB AIRPORT R	1.47	.21	.02	.06				.35					T	.45	.08	T	T	T	.01	.03			.26	T			T		T			
NEW BRUNSWICK EXP STA	1.26	.21		.05					T					.50	.50	T				T			T	T			T			T		
NEW MILFORD	1.04	.22												.72	.08					.02												
NEWTON	.96	.29		.11										T	.32		.03	T			.01			.10	T					.10		
OAK RIDGE RESERVOIR	1.19	.21		.07										.02	.69			T			.05			.11						.04		
OLDWICK	2.29	.27	T	.04					.81					T	.83	T	T				.01			.33								
ORANGE	2.89	.10		.13				.88						*	.75									1.03								
PATERSON	1.53	.37		T					.31					T	.81				T	T				.04	T					T		
PEMBERTON 3 E	1.80	.24												.61	.56	.09				.11										.19		
PHILLIPSBURG	1.48	.48							T					.22	.30					T										.12	.36	
PHILLIPSBURG BRIDGE	1.33	.45	.01						.07					T	.42															.08	.30	
PLAINFIELD	1.39	.24		.11				.04					T	.96		.01			T	.01			.02							T		
PRINCETON WATER WORKS	1.19		.24					.12						.75	.08					T			T	T						T		
RAHWAY	1.55	.21	.02	.06				.02						.78	.05	T		T	T	T			.01							.40		
RIDGEFIELD	1.73	.26	T	.05				T						.62	.06					.02			.69	.03								
RINGWOOD	.70			.03					.15						.46			T		.06												
SANDY HOOK L8STA	1.51	.30		.08					.01					.02	1.03	.01				.03	.01			.01	.01							
SHILOH	2.13	.23		T										1.32	.52	.05									.01					T		
SOMERVILLE	1.26	.20		T					.15					.75	.10	.01							.05									
SPLIT ROCK POND	1.17	.35		.08											.65						.05				.04							
SUSSEX 3N //	.78	.22		.05									T		.34			.04	.06		.06									.01		
SWEDESBORO 5 NW	1.17	.07												.02	.98		.04													.D6		
TOMS RIVER	2.48	.37	.08	.02				.53						.07	.97					.24										.20		
TRENTON 2	2.27	.25						.67						1.19	.07	.01				.02										.06		
TRENTON WB CITY R	2.41	.23	T					.37					T	1.29	.10	.01				T										.41		
VINELAND	3.83	.12												.04	2.38		.02			.16											1.11	
WANAQUE RAYMOND DAM	.83	.26		.04					.05						.38					.10												
WERTSVILLE	1.53	.23	T						.06						.93	.01	T													.30		
WESTFIELD	1.17	.22						.10						.66	.11								.08							T		
WEST WHARTON	1.03			.13					.18					T	.42						.05			.24	.01							
WOODCLIFF LAKE	1.29	.40		.04				.10						.67	.03					.05												
WOODSTOWN	1.34	.21												.86	.11	.15				.01										T		

See Reference Notes Following Station Index

DAILY TEMPERATURES

Station		Day Of Month																													Average
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
ATLANTIC CITY W8 AP	MAX	67	59	72	70	65	80	88	71	63	68	79	90	80	67	60	62	68	74	76	84	84	87	77	72	67	72	83	90	89	91	77	75.2
	MIN	46	42	48	46	44	45	54	50	39	46	58	59	63	54	44	39	43	52	57	65	65	65	58	53	44	46	63	66	66	64	57	52.9
ATLANTIC CITY	MAX	65	53	65	62	57	65	67	70	57	60	65	72	69	67	58	59	68	70	64	69	70	79	73	73	63	66	72	78	80	90	72	67.7
	MIN	46	48	50	48	50	50	55	51	43	51	56	58	60	53	44	41	46	53	56	58	63	61	59	58	52	59	65	65	66	64	57	54.4
AUDUBON	MAX	67	67	80	75	74	83	89	76	71	75	86	92	76	68	61	64	68	78	84	88	87	90	80	71	77	80	89	93	93	93	83	79.3
	MIN	50	44	50	45	45	47	56	57	41	44	59	62	61	54	48	42	39	53	59	66	65	70	58	56	45	49	65	66	70	66	60	54.6
BELLEPLAIN	MAX	66	62	71	72	68	79	85	85	70	73	85	88	88	73	65	62	69	72	80	84	84	86	85	68	70	77	85	88	89	90	90	77.7
	MIN	48	43	52	41	38	43	56	58	37	40	60	62	66	60	44	38	40	53	58	65	65	68	66	56	40	45	65	65	65	65	65	53.8
BELVIDERE	MAX	66	63	75	75	76	82	90	80	70	72	81	89	73	68	60	64	65	76	75	85	88	89	80	69	75	74	85	91	89	88	84	77.3
	MIN	50	44	50	38	44	45	50	50	36	41	54	58	56	53	44	39	40	48	55	62	60	68	60	52	39	45	59	66	61	63	60	51.3
BOONTON 2 SE	MAX	60	63	57	73	76	75	84	85	68	67	70	80	86	70	65	55	61	69	74	70	87	84	85	75	65	74	73	82	90	88	86	74.1
	MIN	45	40	46	41	40	45	47	53	35	38	48	59	63	56	45	42	37	47	50	58	63	67	57	53	40	44	53	65	63	64	61	50.5
BURLINGTON	MAX	69	67	79	77	75	84	91	86	71	74	86	92	80	64	57	61	67	77	83	89	89	91	80	69	77	78	87	92	89	91	84	79.2
	MIN	48	46	46	56	48	48	56	57	44	43	58	54	61	57	49	43	36	53	59	67	63	70	61	58	48	49	65	68	72	64	68	55.3
CANOE BROOK	MAX	56	64	58	74	75	73	83	83	68	70	72	82	90	71	64	56	63	65	76	72	90	88	89	74	67	74	76	85	90	82	89	74.8
	MIN	45	39	47	34	39	42	50	54	35	38	52	60	63	56	43	39	36	47	51	60	63	70	59	54	38	45	57	67	61	64	58	50.5
CAPE MAY 3 W	MAX	62	62	66	67	62	69	78	75	66	64	71	77	70	67	65	63	67	68	70	79	67	88	78	82	70	68	81	83	84	85	82	72.1
	MIN	48	46	52	46	46	51	55	58	47	52	57	58	62	60	52	51	51	56	57	65	60	60	62	59	50	54	60	62	65	61	63	55.7
CHARLOTTEBURG	MAX	61	60	56	71	74	73	82	83	67	68	68	80	88	68	62	51	60	62	75	70	90	85	87	73	62	72	72	84	87	87	85	73.0
	MIN	42	41	42	35	36	40	49	50	32	33	43	55	58	54	40	37	34	43	46	57	62	66	57	51	34	43	51	67	56	59	57	47.4
CLAYTON	MAX	70	66	77	79	74	80	87	87	68	74	84	89	75	65	59	60	69	74	82	85	82	87	81	72	71	76	85	89	90	84	84	77.6
	MIN	53	45	50	47	45	47	53	55	42	45	58	61	62	55	46	39	38	52	58	66	64	69	62	56	44	44	64	67	66	67	62	54.3
ELIZABETH	MAX	67	63	75	78	71	84	82	72	69	72	80	91	85	68	62	65	66	76	72	90	89	89	75	71	74	78	87	90	88	91	83	77.5
	MIN	45	44	49	41	46	45	55	53	40	42	55	62	59	57	46	39	40	49	55	64	65	70	61	55	43	48	61	69	67	63	65	53.3
ESSEX FELLS SERV BLDG	MAX																																
	MIN																																
FLEMINGTON 1 NE	MAX	64	61	73	77	76	85	88	79	69	73	83	91	74	65	58	63	65	77	78	89	86	91	81	67	77	77	87	91	93	89	83	77.7
	MIN	46	37	48	35	41	40	48	52	35	36	49	54	58	53	43	35	35	48	51	59	58	68	59	53	36	42	58	66	62	64	58	49.3
FREEHOLD	MAX	64	62	72	74	70	82	88	82	67	73	84	90	81	66	62	61	66	77	77	87	87	88	83	69	72	78	85	90	90	88	84	77.4
	MIN	45	42	46	41	44	46	53	52	38	41	57	60	59	56	44	39	36	51	56	65	63	68	60	52	42	45	61	66	68	62	64	52.3
HAMMONTON 2 NNE	MAX	70	64	70	78	74	75	82	90	70	72	78	86	92	78	67	61	68	76	76	83	88	88	89	83	70	75	79	87	92	91	91	78.8
	MIN	41	46	38	56	43	40	43	53	55	38	43	51	58	63	58	44	38	38	46	56	61	63	67	65	54	42	48	55	62	68	64	51.5
HIGH POINT PARK	MAX	58	60	58	71	72	68	78	86	65	68	68	80	88	62	61	51	61	63	76	70	87	84	86	78	67	71	78	86	82	87	82	72.6
	MIN	40	36	41	39	41	46	59	43	35	44	51	62	53	44	36	34	35	41	52	52	62	65	53	48	38	47	54	69	64	62	58	48.5
HIGHTSTOWN 1 N	MAX	65	63	73	75	72	82	88	70	69	75	84	89	73	65	60	61	66	78	79	88	88	89	81	70	77	78	86	91	90	90	81	77.3
	MIN	46	42	48	41	45	43	54	53	36	39	57	61	59	57	43	38	37	49	57	64	63	69	60	53	40	46	63	66	66	63	63	52.3
INDIAN MILLS 2 W	MAX	66	61	79	75	75	83	90	80	72	76	86	92	79	65	59	60	66	76	82	87	86	89	80	74	76	78	87	91	89	92	80	78.4
	MIN	48	46	48	48	40	41	50	55	34	41	59	61	62	55	45	35	33	50	56	64	61	68	58	54	37	42	63	63	68	62	61	51.9
JERSEY CITY	MAX	65	53	74	74	61	76	74	70	63	64	79	85	71	67	55	61	64	73	68	87	80	85	75	66	65	68	76	85	84	89	77	72.1
	MIN	44	46	48	51	46	52	59	51	45	48	59	64	56	49	45	42	45	52	56	62	68	70	53	52	50	53	64	69	69	65	59	54.6
LAMBERTVILLE	MAX	68	64	76	75	76	82	88	80	68	74	83	90	77	65	62	62	65	77	79	88	87	90	85	70	75	75	85	91	91	89	87	78.2
	MIN	48	40	49	37	43	42	52	53	35	40	54	59	60	56	44	36	37	49	57	66	63	70	63	54	40	48	64	65	67	66	60	52.2
LAURELTON 1 E	MAX																																
	MIN																																
LAYTON 3 NW	MAX	63	57	73	75	70	75	82	75	70	70	83	89	78	62	55	60	62	75	80	89	85	90	80	67	70	75	80	90	90	85	83	75.4
	MIN	40	35	48	32	42	37	48	49	28	36	53	60	50	51	36	37	35	48	48	58	60	68	63	53	33	40	56	60	55	62	53	47.5
LEESBURG STATE FARM	MAX	67	66	71	70	68	77	83	82	72	69	83	87	85	69	67	62	70	70	77	80	83	88	85	82	75	73	84	85	88	91	89	77.4
	MIN	48	38	51	40	42	46	56	55	38	41	59	60	65	64	47	39	42	54	59	64	63	66	65	56	43	49	64	63	67	66	62	53.9
LITTLE FALLS 1 E	MAX	59	66	66	77	80	75	87	84	71	71	72	84	92	72	67	56	64	69	78	74	92	90	90	77	69	76	78	87	92	89	90	77.2
	MIN	44	43	48	40	43	48	53	54	39	41	48	62	65	56	42	39	40	49	53	60	65	70	61	53	43	48	60	64	64	64	61	52.3
LONG BRANCH	MAX	65	57	72	73	62	78	72	70	61	67	85	84	72	67	60	61	65	68	73	90	83	90	72	68	68	70	83	85	80	90	74	73.1
	MIN	45	43	46	46	48	46	55	52	46	42	60	63	57	51	45	39	40	54	56	67	66	68	54	53	50	48	64	69	67	62	58	53.5
LONG VALLEY	MAX	66	62	72	75	72	81	86	72	67	69	80	88	82	64	58	61	65	75	69	88	87	88	80	69	63	73	85	89	90	88	81	75.6
	MIN	45	41	48	33	39	40	43	50	33	34	50	54	56	52	33	34	35	45	47	57	57	65	59	48	36	41	56	66	56	61	56	47.4
MILLVILLE	MAX	69	67	65	77	74	72	82	87	71	69	73	84	90	75	67	61	63	70	73	80	85	85	88	82	71	70	75	85	93	90	93	77.0
	MIN	47	43	52	44	45	45	54	59	43	46	57	62	66	61	47	41	40	52	59	62	64	67	68	57	47	49	59	64	71	67		54.6
MOORESTOWN	MAX	66	62	78	74	72	81	88	70	71	76	83	89	74	65	58	62	66	76	82	85	85	89	77	69	76	77	87	91	91	90	80	77.1
	MIN	44	42	49	42	43	47	54	45	37	40	59	62	60	52	44	40	37	52	57	66	65	70	56	50	40	47	64	67	70	66	58	52.4
MORRIS PLAINS	MAX	61	64	64	74	78	74	85	85	69	68	70	81	88	69	66	55	62	64	76	71	89	85	89	74	66	74	75	85	92	88	88	75.1
	MIN	44	40	48	38	43	46	49	52	37	37	53	60	64	55	42	39	37	46	48	58	61	68	61	52	42	44	51	67	61	64	63	50.6
NEWARK W8 AIRPORT	MAX	66	57	76	77	68	81	80	71	67	69	85	92	73	68	58	64	68	70	70	92	88	91	76	70	70	79	87	92	87	91	80	76.2
	MIN	46	47	49	49	47	49	58	53	46	46	58	64	57	52	45	42	45	53	59	66	68	71	57	54	48	52	64	71	69	66	59	55.2
NEW BRUNSWICK EXP STA	MAX	64	63	74	75	75	81	83	72	69	73	81	89	86	65	65	60	65	75	75	87	87	89	78	67	73	75	84	90	89	88	87	76.9
	MIN	45	43	47	43	45	43	53	56	39	40	56	61	58	55	44	38	38	49	56	65	63	68	64	53	44	47	63	67	68	62	64	52.8
NEWTON	MAX	65	61	58	70	75	72	83	89	67	69	70	83	89	67	62	51	62	64	76	70	90	86	88	75	62	77	75	87	89	91	85	74.5
	MIN	44	39	45	33	40	41	50	50	30	35	45	55	62	52	38	38	36	45	49	60	62	68	59	50	33	43	53	65	58	59	53	48.1
PATERSON	MAX	56	66	67	75	76	74	84	87	72	72	70	82	92	71	68	58	65	66	78	74	93	91	90	77	70	78	79	88	92	88	91	77.1
	MIN	44	45	48	44	43	51	55	53	43	42	55	62	66	55	45	39	41	50	53	59	67	70	63	52	45	48	55	66	67	65	65	53.4
PEMBERTON 3 E	MAX	67	63	78	76	74	81	87	82	70	75	85	90	78	67	61	61	67	77	80	87	87	88	82	72	75	77	85	91	90	92	78	78.2
	MIN	47	39	48	44	41	40	51	52	38	43	58	60	63	58	45	37	34	49	56	65	63	69	63	54	39	45	63	65	66	63	62	52.3
PHILLIPSBURG	MAX	68	65	75	75	76	83	90	89	69	70	82	89	89	65	64	61	65	76	78	89	87	90	90	78	74	75	85	89	90	90	87	79.1
	MIN	51	46	50	39	45	52	53	49	38	42	53	58	58	54	45	39	41	49	56	63	61	68	61	54	39	46	57	64	62	73	61	52.5
PLAINFIELD	MAX	67	60	76	79	72	83	84	72	69	74	83	91	73	68	57	63	66	77	74	90	88	90	75	70	75	77	85	91	89	90	82	77.1
	MIN	45	42	50	40	44	45	52	54	39	39	54	61	64	57	45	37	37	49	52	63	64	69	63	55	43	47	60	68	64	63	63	52.5
RIDGEFIELD	MAX	66	59	75	77	71	85	82	71	70	70	81	91	70	68	55	64	65	77	69	92	88	88	76	69	74	76	86	90	88	89	84	76.3
	MIN	46	45	49	41	44	52	56	52	39	44	57	65	56	50	45	41	41	51	57	64	68	69	61	51	42	51	62	70	66	65	65	53.7
SANDY HOOK L8STA	MAX	60	60	58	65	75	70	73	82	63	63	73	76	87	70	68	65	65	77	66	78	88	83	85	68	70	85	85	86	89	80	83	74.1
	MIN	43	46	51	44	47	49	54	53	55	54	64	66	61	48	48	43	44	51	56	62	63	63	61	54	50	55	66	66	60	57	62	54.7

See Reference Notes Following Station Index

DAILY TEMPERATURES

Station		Day Of Month																													Average
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
SHILOH	MAX	69	65	76	73	71	80	86	85	69	72	82	88	87	70	63	61	69	70	81	84	84	86	83	72	70	72	84	90	89	90	87	77.7
	MIN	50	43	51	44	44	45	53	56	40	45	62	65	64	59	46	41	40	54	59	65	63	68	65	51	41	50	64	64	70	66	67	54.7
SOMERVILLE	MAX	65	59	74	75	75	82	87	79	68	72	82	89	76	67	60	62	65*	77	74	88	86	89	77	68	75	76	85	90	91	89	82	76.9
	MIN	46	42	49	40	46	42	50	54	38	38	52	57	60	56	44	36	37	46	54	61	63	69	61	54	40	46	60	65	63	66	61	51.5
SUSSEX 3 N	MAX	66	60	55	72	74	73	83	88	63	68	71	82	89	68	61	51	61	64	75	70	90	86	89	75	62	77	73	87	90	91	87	74.2
	MIN	42	40	42	36	40	40	44	49	36	40	42	58	63	52	38	39	36	41	45	59	65	66	55	50	33	40	51	60	60	61	57	47.7
TRENTON 2	MAX	65	61	76	74	72	82	88	69	68	73	83	90	72	65	59	61	67	77	80	88	87	89	77	67	75	77	86	91	91	89	82	76.8
	MIN	48	45	49	45	45	47	56	52	41	49	58	62	59	50	44	39	40	52	58	65	66	70	57	55	45	50	64	67	70	66	59	54.0
TRENTON W8 CITY	MAX	65	60	75	75	71	82	88	69	68	74	84	90	71	64	57	59	64	76	81	87	86	90	76	66	75	75	86	90	90	88	78	76.1
	MIN	48	47	49	49	46	50	58	51	44	46	60	64	58	50	44	41	43	53	58	68	67	71	55	53	48	51	65	69	70	67	57	54.8
TUCKERTON	MAX																																
	MIN																																
WOODSTOWN	MAX	72	68	79	78	75	82	89	88	70	74	85	90	77	66	63	63	70	75	85	87	87	89	84	72	74	76	86	92	91	92	89	79.6
	MIN	51	44	52	43	45	45	53	55	38	44	58	60	62	59	47	39	38	54	60	66	62	69	64	54	42	46	64	64	70	65	65	54.1

EVAPORATION AND WIND

Station		Day of month																													Total or Avg.
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
ATLANTIC CITY W8 AIRPORT	EVAP	.29	.16	.19	.28	.20	.25	.26	.53	.33	*	.44	.21	.36	.12	.16	.31	.26	.21	.16	.28	.30	.20	.30	.41	.27	.27	.27	.24	-	.24	.31	88.07
	WIND	122	51	49	65	55	50	83	232	105	87	131	66	87	130	46	157	90	49	113	106	87	81	77	188	63	82	101	60	57	59	133	2862
	MAX	70	64	79	80	76	84	87	84	74	72	87	94	84	77	65	74	72	78	83	93	92	92	86	78	81	84	89	93	91	94	87	82.1
	MIN	52	46	52	47	52	51	55	63	42	52	58	61	67	61	46	41	47	55	60	65	66	66	70	62	50	52	64	72	69	66	69	57.4
CANOE 8ROOK	EVAP	-	.00	.01	.24	.18	.19	.19	.19	.08	.30	.13	.09	.22	.06	.19	.11	.15	.14	.19	.02	.20	.18	.16	.18	.25	.18	.14	.17	.18	.12	.23	B4.83
	WIND	-	51	10	30	28	35	27	49	71	10	47	21	16	23	77	52	19	66	22	17	25	49	13	51	48	30	34	24	3	28	29	81027

DAILY SOIL TEMPERATURES

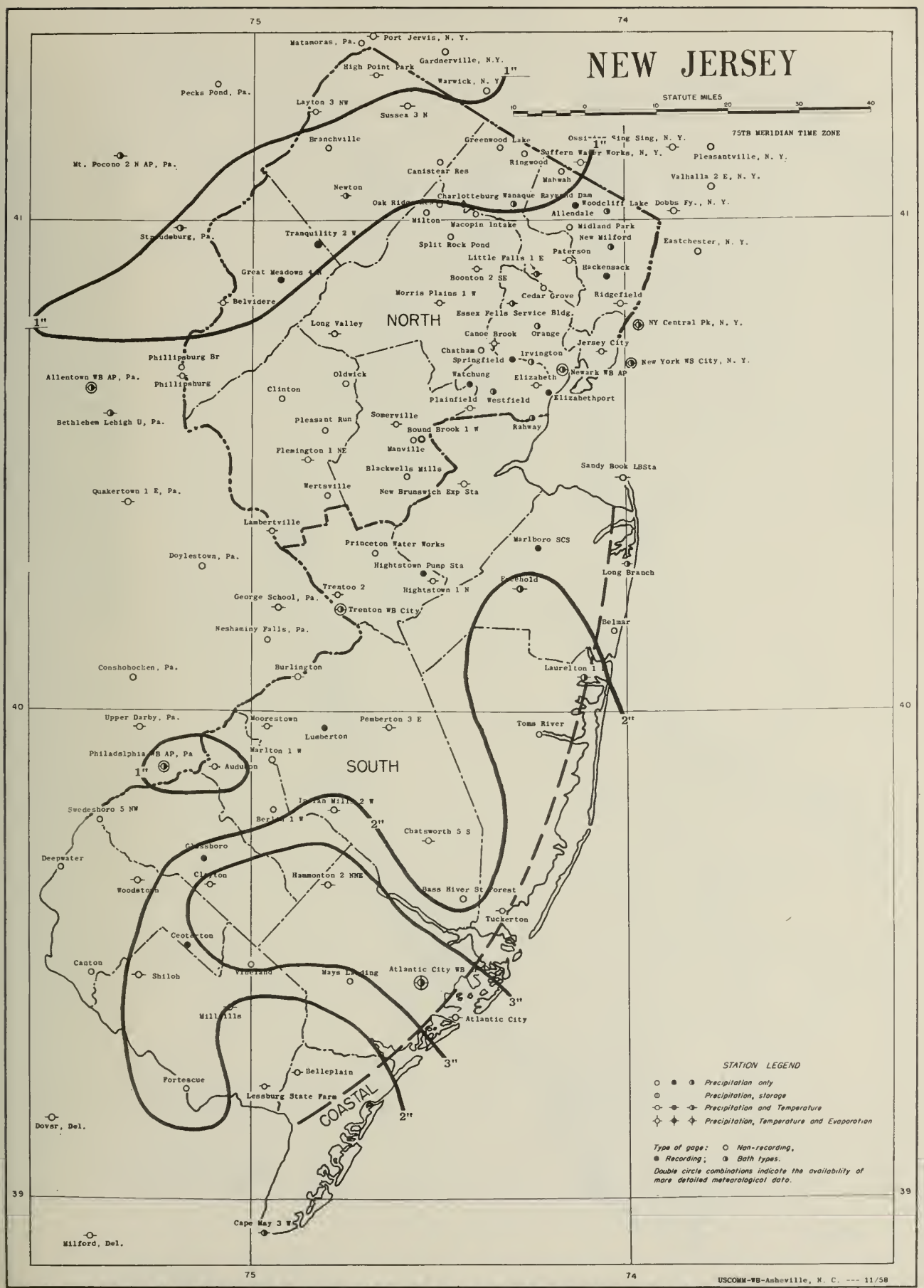
Station And Depth		Day of month																													Average
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
NEW 8RUNSWICK EXP STATION																															
MEASURED UNDER SOD																															
1 INCH	MAX	59	53	59	61	61	62	64	61	66	-	66	74	64	65	59	61	60	66	62	70	70	71	67	67	67	70	74	75	74	77	75	65.8
	MIN	49	49	50	48	50	51	54	53	49	-	-	58	59	56	54	51	51	54	58	59	61	64	61	59	55	57	61	64	65	64	64	55.8
2 INCHES	MAX	58	53	58	60	60	62	63	60	66	-	66	74	63	-	59	61	60	66	62	70	70	71	67	67	67	68	73	74	73	76	75	65.2
	MIN	49	49	50	48	50	52	54	54	50	-	-	58	59	56	54	51	51	54	58	59	62	64	62	60	56	58	61	64	65	64	64	56.1
4 INCHES	MAX	58	53	58	59	59	61	62	60	63	-	64	72	63	65	59	61	61	66	62	70	70	72	67	68	69	69	74	76	75	78	76	65.4
	MIN	50	49	50	49	51	52	54	54	51	-	-	58	59	57	54	51	51	54	58	59	62	64	62	60	56	58	61	64	65	64	64	56.2
8 INCHES	MAX	53	51	54	54	55	56	57	57	57	-	58	62	61	59	57	57	57	60	59	63	64	66	65	64	63	63	65	68	68	69	69	60.2
	MIN	50	50	50	50	52	53	54	55	54	-	-	57	59	58	55	53	53	56	57	58	62	63	63	61	59	61	60	63	64	65	66	58.0
16 INCHES	MAX	50	50	51	52	52	52	54	54	54	-	54	56	57	57	66	55	54	56	56	58	60	61	61	60	60	59	61	62	63	64	64	56.6
	MIN	49	50	50	50	51	52	53	54	53	-	-	54	56	56	55	54	54	54	55	56	58	59	60	60	59	58	59	61	62	63	63	55.4
32 INCHES	MAX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	MIN	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Measured under Kentucky 8luegrass. Instrumentation: Copper-constantan Thermocouples connected to a 8rown Electronik Potentiometer.

See Reference Notes Following Station Index

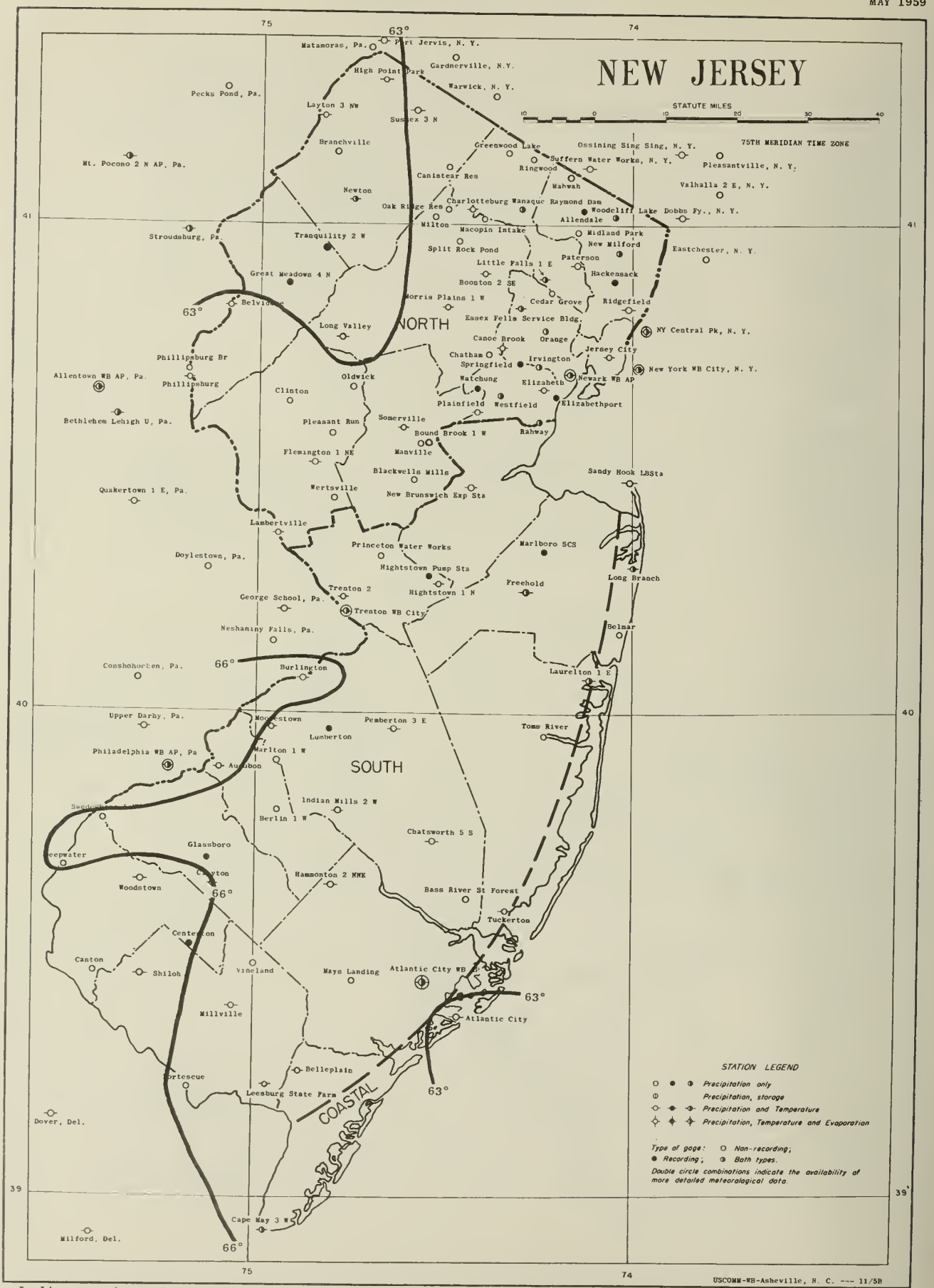
TOTAL PRECIPITATION

NEW JERSEY
MAY 1959



Isolines are drawn through points of approximately equal values. Hourly precipitation data from recorder substations will be available in the publication "Hourly Precipitation Data".

AVERAGE TEMPERATURE



Isolines are drawn through points of approximately equal values. Hourly precipitation data from recorder substations will be available in the publication "Hourly Precipitation Data".

STATION INDEX

STATION	INDEX NO.	COUNTY	DRAINAGE ‡	LATITUDE	LONGITUDE	ELEVATION	OBSERVATION TIME AND TABLES: TEMP.	PRECIP	EVAP.	SPECIAL (SEE NOTES)	OBSERVER
ALLENDALE	0100	BERGEN	8	41 02	74 08	270				C	BERGEN COUNTY ENGINEERS
ATLANTIC CITY WB AP	0911	ATLANTIC	1	39 27	74 35	58	MID	MID	7P	C MJ	U.S. WEATHER BUREAU
# ATLANTIC CITY	0925	ATLANTIC	1	39 23	74 26	10	MID	MID		H	STATE MARINA
AUDUBON	0346	CAMDEN	2	39 54	75 04	50	11P	11P			IRVIN J. NYGREN
BASS RIVER ST FOREST	0528	BURLINGTON	1	39 37	74 26	20		6P		H	N.J. FORESTRY SERVICE
BELLEPLAIN	0490	CAPE MAY	1	39 16	74 52	49	5P	5P			MRS. ED C. HOFFMAN
BELMAR	0721	MONMOUTH	1	40 10	74 02	19					INACTIVE 1/58
BELVIDERE	0729	WARREN	2	40 50	75 05	275	5P	5P		H	CLEMENT HAUPT
BERLIN 1 W	0787	CAMDEN	7	39 48	74 57	150		7A			SAMUEL H. MC CULLEY
BERMARDSVILLE 2 E	0797	SOMERSET	8	40 43	74 32	240		7A			BERMARDS WATER COMPANY
BLACKWELLS MILLS	0847	SOMERSET	10	40 29	74 35	27		7A			HENRY H. MILLER
BOONTON 2 SE	0907	MORRIS	8	40 54	74 24	280	8A	8A			JERSEY CITY WATER WORKS
BOUND BROOK 1 W	0927	SOMERSET	10	40 33	74 33	20		8A			AMERICAN CYANAMID CO.
BRANCHVILLE	0978	SUSSEX	2	41 09	74 45	570		7A			ALBERT H. DAVENPORT
BURLINGTON	1211	BURLINGTON	2	40 04	74 53	12	6P	6P			PUBLIC SVC. E. + G. CO.
CANISTEAR RESERVOIR	1327	SUSSEX	8	41 07	74 30	1040		8A			NEWARK WATER DEPARTMENT
CANOE BROOK	1335	ESSEX	8	40 45	74 21	180	9A	9A	9A		COMMONWEALTH WATER CO.
CANTON	1343	SALEM	2	39 28	75 25	20		9A			GERTRUDE S. WILLIS
CAPE MAY 3 W	1351	CAPE MAY	1	38 56	74 57	17	5P	5P		C	N.WEST MAGNESITE CO.
CEDAR GROVE	1472	ESSEX	8	40 52	74 13	400		8A			J. A. PLUMKETT
CENTERTON	1512	SALEM	6	39 31	75 10	80				C	JOHN HOPKINS UNI.
CHARLOTTEBURG	1582	PASSAIC	8	41 03	74 26	760	7A	7A		H	NEWARK WATER DEPT.
CHATHAM	1590	MORRIS	8	40 44	74 23	185		8A			EDWARD P. MOLITOR
CHATSWORTH 5 S	1598	BURLINGTON	1	39 44	74 32	90	5P	5P			INACTIVE 5/58
CLAYTON	1708	GLOUCESTER	6	39 39	75 06	120	6P	6P		H	HARRY P. CAMPBELL
CLINTON	1749	HUNTERDON	10	40 38	74 55	300		6P			L. W. KLOCKNER
DEEPWATER	2209	SALEM	2	39 41	75 30	12		MID			DU PONT DE NEMOURS
ELIZABETH	2644	UNION	1	40 40	74 14	33	5P	5P			UNION CO. PARK COMM.
ELIZABETHPORT	2652	UNION	8	40 39	74 12	30		MID		C	SEWAGE TREATMENT PLANT
ESSEX FELLS SERV BLDG	2768	ESSEX	8	40 50	74 18	250	8A	8A		C	BOROUGH ESSEX FELLS
FLEMINGTON 1 NE	3029	HUNTERDON	10	40 31	74 51	134	5P	5P		H	DONALD YOUNG
FORTESCUE	3102	CUMBERLAND	2	39 14	75 10	5		7A			JOHN LOPER
FREEHOLD	3181	MONMOUTH	10	40 15	74 17	194	6P	6P		C H	FRANK J. MOREAU
GLASSBORO	3291	GLOUCESTER	2	39 42	75 07	150				C	PROF. J. B. SANGREE
GREAT MEADOWS 4 N	3416	WARREN	2	40 56	74 55	540				C	GAMMA CHEMICAL CORP.
GREENWOOD LAKE	3516	PASSAIC	8	41 09	74 20	660		7A			GEORGE T. WIGGINS
HACKENSACK	3572	BERGEN	4	40 53	74 03	10				C	BERGEN COUNTY ENGINEERS
HAMMONTON 2 NNE	3662	ATLANTIC	7	39 39	74 48	85	8A	8A			W. HUBBARD PARKHURST
HIGH POINT PARK	3935	SUSSEX	2	41 18	74 40	1570	8A	8A			N. J. DEPT. OF CONS.
HIGHTSTOWN 1 N	3951	MERCER	10	40 16	74 31	100	8P	8P		H	JAMES R. PICKERING
HIGHTSTOWN PUMPING STA	3956	MERCER	10	40 17	74 32	75				C	DEPT. WATER + SEWAGE
INDIAN MILLS 2 W	4229	BURLINGTON	7	39 48	74 47	100	7P	7P		H	EDWARD ENTWISTLE
IRVINGTON	4260	ESSEX	1	40 43	74 15	120		MID		C	JOINT MEETING GARAGE
JERSEY CITY	4339	HUDSON	1	40 44	74 04	135	M+D	MID			JERSEY CITY WATER DEPT.
LAMBERTVILLE	4635	HUNTERDON	2	40 22	74 57	75	6P	6P		H	E. E. CASE
LAURELTON 1 E	4700	OCEAN	1	40 04	74 07	20	MID	MID		C H	GEORGE G. WADDILL
LAYTON 3 NW	4735	SUSSEX	2	41 15	74 51	480	6P	6P		H	A. M. DEPUE
LEESBURG STATE FARM	4762	CUMBERLAND	6	39 14	74 58	10	4P	4P			LEESBURG STATE FARM
LITTLE FALLS 1 E	4887	PASSAIC	8	40 53	74 14	157	9A	9A		C H	PASSAIC VLY. WTR. COMM.
LONG BRANCH	4987	MONMOUTH	1	40 18	73 59	34	MID	MID		C MJ	WILLIAM D. MARTIN, JR.
LONG VALLEY	5003	MORRIS	10	40 48	74 46	660	6P	6P		H	ARTHUR BARKMAN
LUMBERTON	5055	BURLINGTON	2	39 58	74 48	25				C	JAMES LAWTON
MACOPIN INTAKE	5071	PASSAIC	8	41 01	74 24	584		9A			NEWARK WATER DEPT.
MAHWAH	5104	BERGEN	8	41 06	74 10	253		7A			ROBERT G. GLASGOW
MANVILLE	5197	SOMERSET	10	40 33	74 34	50		MID			JOHN L. RADCLIFFE
MARLBORO SCS	5244	MONMOUTH	1	40 20	74 14	120				C	GEROW BRILL
MARLTON 1 W	5252	BURLINGTON	2	39 54	74 57	90		6P			DAVID GRISCOM
MAYS LANDING	5346	ATLANTIC	3	39 27	74 44	50		5P		M	ELMER EARLE
MIDLAND PARK	5503	BERGEN	1	40 59	74 09	210		MID			RIDGEWOOD WATER CO.
MILLVILLE	5576	CUMBERLAND	6	39 24	75 03	60	8A	8A		C H	L. J. GALLAHER
MILTON	5597	MORRIS	8	41 01	74 32	950		7A			JERSEY CITY WATER WKS.
MOORESTOWN	5728	BURLINGTON	2	39 58	74 56	55	MID	8A		H	M. J. WILLARD
MORRIS PLAINS	5769	MORRIS	8	40 50	74 30	500	8A	8A		H	JAMES C. LONG
NEWARK WB AIRPORT	6026	ESSEX	1	40 42	74 10	11	MID	MID		C MJ	U.S. WEATHER BUREAU
NEW BRUNSWICK EXP STA	6062	MIDDLESEX	10	40 28	74 26	80	5P	5P		GH	ARTHUR H. AHLQUIST
NEW MILFORD	6146	BERGEN	4	40 57	74 02	12		MID		C	HACKENSACK WATER CO.
NEWTON	6177	SUSSEX	2	41 03	74 45	565	8A	8A		C H	NEWTON WTR. + SWR. COMM.
OAK RIDGE RESERVOIR	6460	PASSAIC	8	41 02	74 30	870		8A			NEWARK WATER DEPT.
OLDWICK	6544	HUNTERDON	10	40 40	74 45	260		8A			DAN A. COUGHLIN
ORANGE	6560	ESSEX	8	40 47	74 14	140		MID		C	COUNTY ENGINEER
PATERSON	6775	PASSAIC	8	40 55	74 09	100	8A	8A		H	P. J. DEL VECCHIO
PEMBERTON 3 E	6843	BURLINGTON	2	39 58	74 38	60	5P	5P		H	CHARLES A. DOEHLERT
PHILLIPSBURG	6974	WARREN	2	40 41	75 12	182	3P	3P		H	SEWAGE DISPOSAL PLANT
PHILLIPSBURG BRIDGE	6979	WARREN	2	40 42	75 12	196		9A			JOINT TOLL BRIDGE COMM.
PLAINFIELD	7019	UNION	10	40 36	74 25	120	8P	8P		H	MRS VIVIAN SCHERER
PRINCETON WATER WORKS	7328	MERCER	10	40 19	74 40	90		MID			PRINCETON WATER CO.
RAHWAY	7393	UNION	9	40 36	74 15	20		MID		C H	RAHWAY VLY. SWG. AUTH.
RIDGEFIELD	7545	BERGEN	4	40 50	74 01	80	MID	MID		H	GEORGE P. KIRSTEN
RINGWOOD	7587	PASSAIC	8	41 08	74 16	305		10A			MO. JERSEY WTR. SUPPLY
SANDY HOOK LBSTA	7869	MONMOUTH	1	40 28	74 01	22	7P	7P			U.S. COAST GUARD
SHILOH	8051	CUMBERLAND	2	39 28	75 18	120	5P	5P			EVERETT DICKINSON
SOMERVILLE	8194	SOMERSET	10	40 34	74 37	75	6P	6P		H	W. E. HAVER
SPLIT ROCK POND	8402	MORRIS	8	40 58	74 28	800		10A			JERSEY CITY D. P. W.
SPRINGFIELD	8423	UNION	1	40 43	74 18	—				C	N. J. DEPT. OF CONS.
SUSSEX 3 N	8644	SUSSEX	5	41 14	74 35	530	7A	7A			BRICE B. STANTON
SWEDESBORO 5 NW	8685	GLOUCESTER	2	39 47	75 24	10		12N			SUN OIL CO.
TOMS RIVER	8816	OCEAN	1	39 57	74 14	10		5P			ROBERT F. SNYDER
TRANQUILITY 2 W	8858	WARREN	2	40 57	74 50	551				C	M. J. ERVEY
TRENTON 2	8878	MERCER	2	40 14	74 46	105	MID	MID			E. M. RISTOW
# TRENTON WB CITY	8883	MERCER	2	40 13	74 46	56	MID	MID		C MJ	U.S. WEATHER BUREAU
TUCKERTON	8899	OCEAN	1	39 36	74 20	10	6P	6P			INACTIVE 2/59
VINELAND	9135	CUMBERLAND	6	39 29	75 00	110		8A			STATE HOME FOR WOMEN
WANAQUE RAYMOND DAM	9187	PASSAIC	8	41 03	74 18	320		8A		C H	WATER SUPPLY COMM.
WATCHUNG	9271	UNION	8	40 40	74 25	—				C	BONNIE BURN SANITARIUM
WERTSVILLE	9363	HUNTERDON	10	40 27	74 48	160		7A			ROBERT M. MANNERS
# WESTFIELD	9455	UNION	9	40 39	74 21	138		5P		C	CITY ENGINEER
WEST WHARTON	9608	MORRIS	8	40 54	74 36	680		7A			N.J. POWER + LIGHT CO.
WOODCLIFF LAKE	9832	BERGEN	4	41 01	74 03	103		MID		C	HACKENSACK WATER CO.
WOODSTOWN	9910	SALEM	2	39 39	75 19	90	5P	5P			CREAM VALLEY DAIRY

‡ 1-COASTAL; 2-DELAWARE; 3-GREAT EGG HARBOR; 4-HACKENSACK; 5-HUDSON; 6-MAURICE; 7-MULLICA; 8-PASSAIC; 9-RAHWAY; 10-RARITAN; 11-ROCKAWAY

REFERENCE NOTES

Additional information regarding the climate of New Jersey may be obtained by writing to the State Climatologist at Weather Bureau Office, c/o General Delivery, Trenton, New Jersey or to any Weather Bureau Office near you.

Figures and letters following the station name, such as 12 SSW, indicate distance in miles and direction from the post office.

Delayed data and corrections will be carried only in the June and December issues of this bulletin.

Monthly and seasonal snowfall and heating degree days for the preceding 12 months will be carried in the June issue of this hulletin.

Stations appearing in the Index, but for which data are not listed in the tables, either are missing or were received too late to be included in this issue.

Divisions, as used in "Climatological Data" Table and on the maps, hecame effective with data for September 1956.

Unless otherwise indicated, dimensional units used in this bulletin are: Temperature in °F, precipitation and evaporation in inches and wind movement in miles. Monthly degree day totals are the sums of the negative departures of average daily temperatures from 65° F.

Evaporation is measured in the standard Weather Bureau type pan of 4 foot diameter unless otherwise shown by footnote following the "Evaporation and Wind" Table. Max and Min in "Evaporation and Wind" Table refer to extremes of temperature of water in pan as recorded during 24 hours ending at time of observation.

Long-term means for full-time stations (those shown in the Station Index as "U. S. Weather Bureau") are based on the period 1921-1950, adjusted to represent ohservations taken at the present location. Long-term means for all stations except full-time Weather Bureau stations are hased on the period 1931-1955.

Water equivalent values published in the "Snowfall and Snow on Ground" Tahle are the water equivalent of snow, sleet, or ice on the ground. Samples for ohtaining measurements are taken from different points for successive observations; consequently occasional drifting and other causes of local variability in the snowpack result in apparent inconsistencies in the record.

Entries of snowfall in the "Climatological Data" Tahle and the "Snowfall and Snow on Ground" Table, and in the "Seasonal Snowfall" Table include snow and sleet. Entries of snow on ground include snow, sleet and ice.

Data in the "Daily Precipitation" Tahle; "Daily Temperature" Tahle; and "Evaporation and Wind" Table, and snowfall in the "Snowfall and Snow on Ground" Tahle, when puhlished, are for the 24 hours ending at time of observation. The Station Index shows observation times in local standard time. During the summer months some observers take the observations on daylight saving time.

Snow on ground in the "Snowfall and Snow on Ground" Table is at ohservation time for all except Weather Bureau and FAA stations. For these stations snow on ground values are at 7:00 a.m., E.S.T.

In the Station Index the letters C, G, H, and J in the "Special" column under the heading "Observation Time and Tahles", indicate the following:

C Recording Rain Gage Station. Hourly precipitation values are processed for special purposes, and are published later in "Hourly Precipitation Data" Bulletin.

G "Soil Temperature" Tahle.

H "Snowfall and Snow on Ground" Tahle. Omission of data in any month indicates no snowfall and/or snow on ground in that month.

J "Supplemental Data" Table.

OTHER REFERENCE NOTES

No record in the "Climatological Data" Table and the "Daily Temperature" Tahle is indicated by no entry.

Interpolated values for monthly precipitation totals may be found in the annual issue of this puhlication.

\- No record in the "Daily Precipitation" Table; "Evaporation and Wind" Table; "Daily Soil Temperature" Tahle; "Snowfall and Snow on Ground" Table; and the Station Index.

\+ And also on an earlier date or dates.

++ Fastest observed one minute wind speed. This station is not equipped with automatic wind instruments.

* Amount included in following measurement, time distrihution unknown.

\# Thermometers are generally exposed in a shelter located a few feet above sod-covered ground; however, the reference indicates that the thermometers are exposed in a shelter located on the roof of a huilding.

// Gage is equipped with a windshield.

AR This entry in time of ohservation column in Station Index means after rain.

AM Data based on observational day ending before noon.

B Adjusted to a full month.

D Water equivalent of snowfall wholly or partly estimated, using a ratio of 1 inch water equivalent to every 10 inches of new snowfall.

M One or more days of record missing; if average value is entered, less than 10 days record is missing. See "Daily Temperature" Table for detailed daily record. Degree day data, if carried for this station, have heen adjusted to represent the value for a full month.

R Amounts from recording gage. (These amounts are essentially accurate but may vary slightly from the amounts to be published later in Hourly Precipitation Data.)

SS This entry in time of observation column in Station Index means ohservation made near sunset.

T Trace, an amount too small to measure.

V Includes total for previous month.

X Observation time is 1:00 a.m., E.S.T. of the following day.

VAR This entry in time of ohservation column in Station Index means variable.

General weather conditions in the U. S. for each month are descrihed in the publications MONTHLY WEATHER REVIEW, MONTHLY CLIMATOLOGICAL DATA-NATIONAL SUMMARY, and STORM DATA, all of which may he obtained from the Superintendent of Documents, Government Printing Office, Washington 25, D. C.

Information concerning the history of changes in locations, elevations, exposure etc., of substations through 1955 may be found in the publication "Substation History" for this state. That puhlication may he obtained from the Superintendent of Documents, Government Printing Office, Washington 25, D. C. for 15 cents. Similar information for regular Weather Bureau stations may he found in the latest annual issue of Local Climatological Data for the respective stations, obtained as indicated above, price 15 cents.

Subscription Price: 20 cents per copy, monthly and annual; $2.50 per year. (Yearly suhscription includes the Annual Summary). Checks, and money orders should be made payable to the Superintendent of Documents. Remittance and correspondence regarding suhscriptions should be sent to the Superintendent of Documents, Government Printing Office, Washington 25, D. C.

USCOMM-WB-Asheville, N. C. --- 7/6/59 --- 775

551.05
UNNJ

U. S. DEPARTMENT OF COMMERCE
FREDERICK H. MUELLER, Acting Secretary
WEATHER BUREAU
F. W. REICHELDERFER, Chief

CLIMATOLOGICAL DATA

NEW JERSEY

JUNE 1959
Volume LXIV No. 6



ASHEVILLE: 1959

NEW JERSEY - JUNE 1959

TEMPERATURE AND PRECIPITATION EXTREMES

Highest Temperature: 100° on the 30+ at 4 stations

Lowest Temperature: 41° on the 20th at Charlotteburg

Greatest Total Precipitation: 7.14 inches at High Point Park

Least Total Precipitation: 0.90 inch at Cape May 3 W

Greatest One-Day Precipitation: 3.43 inches on the 3rd at Shiloh

CLIMATOLOGICAL DATA

NEW JERSEY
JUNE 1959

Station		Temperature									No of Days				Precipitation									
											Max		Min						Snow, Sleet			No of Days		
		Average Maximum	Average Minimum	Average	Departure From Long Term Means	Highest	Date	Lowest	Date	Degree Days	90° or Above	32° or Below	32° or Below	0° or Below	Total	Departure From Long Term Means	Greatest Day	Date	Total	Max Depth on Ground	Date	1.0 or More	.50 or More	1.00 or More
NORTHERN																								
BELVIDERE		82.1	58.8	70.5	- .3	96	29	48	18+	22	5	0	0	0	5.79	1.39	1.49	25	.0	0		7	5	2
BOONTON 2 SE	AM	78.9	57.7	68.3	.4	94	30	48	18+	44	3	0	0	0	6.22	2.16	2.59	3	.0	0		8	4	2
CANOE BROOK	AM	79.5	57.9	68.7	.8	95	30	45	18	40	3	0	0	0	5.48	1.27	2.40	3	.0	0		9	4	1
CHARLOTTEBURG	AM	77.7	54.3	66.0	- .8	93	30	41	20	63	2	0	0	0	5.38	.89	2.33	3	.0	0		9	3	1
ELIZABETH		81.6	60.1	70.9	- .1	97	29	47	18	23	5	0	0	0	4.03	.12	1.10	3	.0	0		7	4	1
ESSEX FELLS SERV BLDG	AM	82.1	60.4	71.3		95	30	50	15+	5	6	0	0	0	4.83		2.60	3	.0	0				1
FLEMINGTON 1 NE		83.7	57.3	70.5	- .3	96	29	48	24+	26	9	0	0	0	4.68	.76	1.45	2	.0	0		5	5	1
HIGH POINT PARK	AM	77.2	54.6	65.9		95	30	42	15	84	4	0	0	0	7.14		3.12	27	.0	0		7	3	2
JERSEY CITY		77.0	60.8	68.9	- 1.4	96	29	49	20+	49	5	0	0	0	4.36	.84	1.32	2	.0	0		8	3	1
LAMBERTVILLE		83.7	59.2	71.5	1.5	98	30	48	18	20	8	0	0	0	5.05	1.10	1.63	13	.0	0		6	4	2
LAYTON 3 NW		80.2	55.6	67.9	.6	95	30	43	18+	42	6	0	0	0	5.26	1.05	1.64	13	.0	0		6	4	3
LITTLE FALLS 1 E	AM	81.7	58.5	70.1	.4	97	30	46	20	30	6	0	0	0	6.28	1.83	2.62	3	.0	0		8	4	1
LONG VALLEY		80.6	55.8	68.2		95	29	43	16	38	5	0	0	0	5.73	1.44	2.05	25	.0	0		9	2	2
MORRIS PLAINS	AM	79.7	57.4	68.6		95	30+	45	16	44	3	0	0	0	5.74		2.71	3	.0	0		7	3	1
NEWARK WB AIRPORT	R	80.9	62.2	71.6	1.1	100	29	52	18	27	5	0	0	0	3.60	- .20	1.49	2	.0	0		6	2	1
NEWTON	AM	79.7	55.2	67.5	.0	96	30	44	24+	51	6	0	0	0	4.86	.39	1.95	3	.0	0		7	4	1
PATERSON	AM	80.1M	59.0M	69.6M	- 1.1	99	30	49	18	38	4	0	0	0	6.89	2.54	2.56	3	.0	0		9	5	1
PHILLIPSBURG		83.7	59.6	71.7	1.9	96	30+	50	18+	12	8	0	0	0	2.89	- 1.50	1.03	3	.0	0		5	3	1
PLAINFIELD		82.2	59.5	70.9	1.0	98	29	48	18	25	6	0	0	0	3.66	- .91	2.13	2	.0	0		6	2	1
RIDGEFIELD		80.0	60.3	70.2	.2	97	29	49	18	33	5	0	0	0	3.92	.16	1.55	2	.0	0		8	2	1
SOMERVILLE		82.5	58.5	70.5	.7	98	29	47	16+	27	6	0	0	0	4.00	.00	1.62	3	.0	0		4	4	1
SUSSEX 3 N	//AM	79.5	54.6	67.1	- 1.8	95	30	42	15	63	5	0	0	0	6.31	2.11	2.69	27	.0	0		6	2	2
DIVISION				69.4	.2										5.10	.94			.0					
SOUTHERN																								
ATLANTIC CITY WB AP		81.6	61.1	71.4	1.7	98	29	49	18	23	7	0	0	0	1.29	- 1.70	.76	2	.0	0		2	1	0
AUDUBON		84.6	61.5	73.1		99	30	49	18	17	10	0	0	0	5.79		2.00	2	.0	0		8	3	3
BELLEPLAIN		83.7	59.9M	71.8M		100	29	44	18	31	6	0	0	0	1.19	- 1.24	.57	3	.0	0		4	1	0
BURLINGTON		84.0	61.6	72.8	.0	98	30	51	18	10	9	0	0	0	3.54	- .19	1.37	3	.0	0		4	3	2
CLAYTON		82.6	60.9	71.8		97	30	49	18	17	8	0	0	0	5.02		2.90	3	.0	0		6	4	1
FREEHOLD		81.6	59.1	70.4	.1	96	29	43	15	37	6	0	0	0	4.14	.41	2.84	3	.0	0		4	2	1
HAMMONTON 2 NNE	AM	83.1	59.0	71.1	- .4	98	30	47	19	21	7	0	0	0	2.73	- 1.31	2.21	3	.0	0		3	1	1
HIGHTSTOWN 1 N		82.9	59.8	71.4	1.6	99	29	47	18	27	10	0	0	0	3.73	- .27	1.18	13+	.0	0		6	3	2
INDIAN MILLS 2 W		83.9	57.8	70.9	.6	98	30+	44	18	33	10	0	0	0	2.94	- 1.11	1.49	3	.0	0		5	2	1
LAURELTON 1 E		80.8	58.0	69.4	- .5	100	29	46	18	32	5	0	0	0	2.32	- 1.19	1.35	2	.0	0		4	2	1
LEESBURG STATE FARM		84.8	60.8	72.8		100	30+	48	18	13	8	0	0	0	1.06		.68	3	.0	0		2	1	0
MILLVILLE		84.5M	62.2M	73.4M		98	30	50	18	13	10	0	0	0	3.32		1.48	2	.0	0		4	2	2
MOORESTOWN		83.7	59.7	71.7	1.5	97	30+	48	18	24	9	0	0	0	3.77	.13	1.86	3	.0	0		5	2	2
NEW BRUNSWICK EXP STA		81.9	59.2	70.6	.6	96	30+	48	18	22	5	0	0	0	3.60	- .23	1.41	3	.0	0		4	3	1
PEMBERTON 3 E		83.9	57.7	70.8	- .4	99	29	44	15	34	9	0	0	0	3.33	- .56	2.11	3	.0	0		6	2	1
SHILOH		83.3	61.3	72.3	.5	98	30	48	18	16	10	0	0	0	4.85	1.41	3.43	3	.0	0		6	1	1
TRENTON 2		83.1	61.0	72.1		97	29	49	18	22	8	0	0	0	4.68	.43	1.96	2	.0	0		7	3	1
TRENTON WB CITY	R	82.6	61.7	72.2	1.4	98	29	51	18+	23	9	0	0	0	4.48	.61	1.79	2	.0	0		6	4	1
WOODSTOWN		85.2	61.1	73.2		98	29	48	18	11	11	0	0	0	4.62		2.40	3	.0	0		7	3	1
DIVISION				71.7	1.0										3.49	- .22			.0					
COASTAL																								
ATLANTIC CITY	R	79.1	63.8	71.5	2.8	93	30+	54	19+	12	5	0	0	0	1.14	- 1.85	.74	2	.0	0		4	1	0
CAPE MAY 3 W		81.2M	64.3M	72.8M		94	30	51	18	8	5	0	0	0	.90		.33	3	.0	0		4	0	0
LONG BRANCH	R	79.4	60.4	69.9	.7	98	29	50	18	33	6	0	0	0	3.11	- .48	1.81	2	.0	0		3	2	1
SANDY HOOK L&STA		78.9	61.0	70.0	.3	96	11+	52	18+	24	4	0	0	0	3.57	.45	2.05	3	.0	0		6	3	1
DIVISION				71.1	1.7										2.18	- .99			.0					

SUPPLEMENTAL DATA

Station	Wind direction		Wind speed m. p. h.				Relative humidity averages - percent				Number of days with precipitation							Percent of possible sunshine	Average sky cover sunrise to sunset
	Prevailing	Percent of time from prevailing	Average	Fastest mile	Direction of fastest mile	Date of fastest mile	1:00 a EST	7:00 a EST	1:00 p EST	7:00 p EST	Trace	.01-.09	.10-.49	.50-.99	1.00-1.99	2.00 and over	Total		
ATLANTIC CITY WB AIRPORT	W	12	10.9	-	-	-	85	79	51	67	7	5	1	1	0	0	14	-	6.5
ATLANTIC CITY	-	-	10.0	34	NW	15	-	-	-	-	-	3	3	1	0	0	-	37	-
LONG BRANCH	NW	16	13.1	44	NW	14	-	85	65ø	64	4	5	1	1	1	0	12	60	6.5
NEWARK WB AIRPORT	WNW	14	9.0	31++	NNW	14	75	73	51	60	8	5	4	1	1	0	19	-	6.7
TRENTON WB CITY	-	-	8.4	33	NW	14	-	-	-	-	2	5	2	3	1	0	13	59	6.2

ø 12:00 Noon

See Reference Notes Following Station Index

DAILY PRECIPITATION

Station	Total	Day of month																																	
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31			
ATLANTIC CITY WB AP	1.29	T	.76	.04								T	T	.34			.03	.07		.04				T			T	.01	T		T				
ATLANTIC CITY R	1.14		.74											.10				.15		.10								.01	.62		.02				
AUDUBON	5.79		2.00	.10		1.90							1.00	.20			.13		T	.10						T			.08		.28				
BASS RIVER ST FOREST	1.87		.02	1.05										.60															.07		.13				
BELLEPLAIN	1.19		.09	.57											.08		.10		.17	.13	.05							T							
BELVIDERE	5.79		.94	.70	.03		.05	T						1.29			T	.12		.02	T		.39	.74		1.49	T	.02		T					
BERLIN 1 W	3.88			2.68			.55							.25	.15					T	.29								T						
BERNARDSVILLE 2 E	6.85			2.69			.09	.02						.29	.76				.01	.01				.63			1.57	.28		.50					
BLACKWELLS MILLS	5.98		T	2.05			1.16							.38	1.09									.02			.76	.24		.28					
BOONTON 2 SE	6.22			2.59			T	.20						.60	.14				.02	.02	T	.29		.78		.09	1.11	.41	T	.06					
BOUND BROOK 1 W	4.80			2.44			.84							.43	.47					T			.09				.33								
BRANCHVILLE	5.97		.04	2.30				.12						.73	.67				.04	.07		.45	.10	.06		.16	.66	.04		.39					
BURLINGTON	3.54		.51	1.37		T								1.22			.03	T	T	.02				.04		.33		T		.02				
CANISTEAR RESERVOIR	5.57		.05	1.80			T	.21						.42	.32			T	T	.07		.25		.41		.09	.30	1.45		T					
CANOE BROOK	5.48		T	2.40			.43	.14					T	.67	.38			T		.02	T	.18		.52			.54	.20	T						
CANTON	4.12			2.55			.03							.25	.12			.23		.07	.07						.80								
CAPE MAY 3 W	.90		.15	.33										.02	.01			.12		.09	.06						.18								
CEDAR GROVE	6.53			3.02			.05	.12						.33	.42				.03	.10	.10	.20		.80			.97	.39							
CHARLOTTEBURG	5.38		.02	2.33			.19	.05						.40	.22				.06	.02		.45		.69		.10	.38	.33							
CHATHAM	5.71			2.46			.54	.10					T	.70	.40			T	T	T		.23		.56		.49		.27	T						
CLAYTON	5.02		.60	2.90		.05	.60						T	.52			.02	.03	.16	.10	.04					T									
CLINTON	4.94		1.18	.72			.24							.85										.37		.84		.06	.80	.16					
DEEPWATER	4.28		2.49										.43	.09			.04				.01	.23				.22			.09		.72				
ELIZABETH	4.03		.75	1.10				.12					.01	.69						.01		.05		.35		.65		.10							
ELIZABETHPORT	3.62		1.62	.07			.06						.10	.52								T		.33		.82	.04		T						
ESSEX FELLS SERV BLDG	4.83			2.60				.38						.55	.05						*	*		.60			*	*	.63						
FLEMINGTON 1 NE	4.68		1.45	.80		.07	T	.06					.04	.54	T		7	T	T					.06		.33	T		.71	T					
FORTESCUE	1.73			1.31			.15							.05				.12			.10														
FREEHOLD	4.14		.09	2.84										.63				.03	T	.05						.11	.03		.36						
GREENWOOD LAKE	6.31		.03	2.38			.69	T						.28	.26				.17		.06	.14	.41				1.02	.87	T							
HAMMONTON 2 NNE	2.73			2.21										.21	.13					.03	.07						.03								
HIGH POINT PARK	7.14		.11	1.91										.79	.42			.03		.04			.02	.03		.48	.02	3.12			.14				
HIGHTSTOWN 1 N	3.73		.63	1.18		.32								1.18			.02	T	T					T		.20	.13		.07						
INDIAN MILLS 2 W	2.94	T	.78	1.49		T								.32			.03	T	T	.07									.12		.13				
IRVINGTON	4.44		1.82	.03			.12						.15	.54					.02	T	.08		.88	.14		.32	.14								
JERSEY CITY	4.36		1.32	.09			.04						.15	.30				.10		.38	.02	.09	.11	.70		.41	.03								
LAMBERTVILLE	5.05			.92	1.40		.54	T						1.63			.01	.01						.01		.33	.14								
LAURELTON 1 E	2.32	T	1.35	.05									.06	.53			T	.05								.10			.16						
LAYTON 3 NW	5.26		1.17	.55									.02	1.64				.03		.03		.03	.03	.02		.10		.15	1.47						
LEESBURG STATE FARM	1.06		.05	.68														.16		.08	.09														
LITTLE FALLS 1 E	6.28			2.62			.07	.08						.64	.29				.02	.02	.05	.23		.78		.24	.77	.47							
LONG BRANCH R	3.11	T	1.81	.30									.06	.79			.01	.01	T	7				.06		.07					T				
LONG VALLEY	5.73		1.90			.21	.03						.36	.14						.06	.06		.20	.36		2.03	.14		.20		.02				
MACOPIN INTAKE	5.46		.01	2.46			.03							.58	.10				.03	.01	.01	.48	T	.77		.49	.22	.27							
MAHWAH	6.29		.03	2.18				.08						.14	.44				.03	.02	.35	.32		.38		.64	1.23	.75	.10						
MANVILLE	5.38	.20	2.00	.36		.88	.05						.36	.72						T				.19		.69	.01				.02				
MARLTON 1 W	3.63		.08	1.79			.98							.31				.19		.06	.05								.01						
MAYS LANDING	1.29		.20	.55										.14				.19		.15				.10											
MIOLANO PARK	6.51		2.52	.05		.06	.31						.06	.82				.05		.18	.62		.32	.47		.47	.38								
MILLVILLE	3.32		1.48	.20													.06	.07		.07	.08						.02		.10		1.24				
MILTON	6.74		.18	1.93			.08	.04						.20	.46			.05		.10	.03	.50		.82		.43	.27	1.33		.08	.28				
MOORESTOWN	3.77			1.86			T							1.05	.22			.10	7	.01	.04						.07	T		.42					
MORRIS PLAINS	5.74			2.71			7	.37					T	.45	.03	T		T	7	.02	.03	.21	T	.34		.01	.94	.36	T	.03					
NEWARK WB AIRPORT R	3.60	T	1.49	.03		T	.34						.09	.43			T	7	T	.02	.13		.68	.04		.32	.01	T	T		T				
NEW BRUNSWICK EXP STA	3.60	T	.47	1.41									T	.97			T	T					T			.70	T		.63		T				
NEW MILFORD	5.71		2.38	.14			.14							.43				.04	.02	.16	.72		.80	.38		.40	.10								
NEWTON	4.86		.01	1.95				.05						.56	.50			T	T	.03		.86	T	.13		.33	.23	.64	T	.09					
OAK RIDGE RESERVOIR	6.08		.02	2.05				.04						.46	.44				.04	.16		.27		.83		.32	.34	.79		.26					
OLDWICK	4.60		T	2.16			T	.10						.79	.11			T	T	T				.47			.89	T	T	.06					
ORANGE	4.47	.07	2.15				.18							.85				.06		.02		.23		.33		.40				.18					
PATERSON	6.89		T	2.56				.47					T	.53	.41			T		.44	.08	.30		.68			.82	.60	T	T					
PEMBERTON 3 E	3.33		.02	2.11		.04	.20							.52						.16							.16		.12						
PHILLIPSBURG	2.89		.58	1.03			.04							.29									7	.71			.09			.13				
PHILLIPSBURG BRIDGE	3.13			1.47			.05							.63										.87			.09	.82						
PLAINFIELD	3.66		2.13			T	.04						.28	.18			T	T					T	.19		.76	.10		.82	T				
PRINCETON WATER WORKS	4.37	T	1.90	.04		.01							.50	1.26			.01						.13			.23	.02	.27							
RAHWAY	2.75		1.50	.04			7						.15	.39				T					T	T		.65	.02							
RIDGEFIELD	3.92		1.55	.15		.07	.18						.05	.18			T	T	T	.32	.15			.40		.80	.07				T				
RINGWOOD	6.34		.05	2.38			.33	T						.30	.25				.07	T	.04	.14		.67		.86	T	.95	.30						
SANDY HOOK LBSTA	3.57		.01	2.05									T	.50	.13			.01	.01					.18	.61	.13	.31	.01							
SHILOH	4.85		.11	3.43			.49							.29			T	.07		.07	.14						.29								
SOMERVILLE	4.00		.90	1.62		.06		.04						.53									T				.01	.01	.01						
SPLIT ROCK POND	6.96			2.58			.19	.14						.88					.02			.38		1.03		.02	.82	.30							
SUSSEX 3N //	6.31		.05	1.76				T						.49	.32			.09	.04	.03	T	.08	.03	.09		.20	.42	2.69		.02					
SWEDESBORO 5 NW	5.65		.02	3.02			.10							.78	.08			.03		.19	.11						.03			1.23				
TOMS RIVER	4.68			1.55				.04						1.92																1.17				
TRENTON 2	4.68		1.96	.03		.01							.41	.72			.02		.01	.01			.16			.14			.73		.48				
TRENTON WB CITY R	4.48	T	1.79	7		.02							.59	.57			.02		.02	.01			.18			.89			.88		.31				
VINELAND	2.28			1.53			T							.12	.32			.06		.03	.09						.13			T					
WANAQUE RAYMOND DAM	5.52		.03	2.32			.28	.30						.34	.05				T		.04	.35	T	.89		.46	.16	.32	T						
WERTSVILLE	4.21			1.98	T		.08	T						.63	.65	T		T					.07				.33								
WESTFIELD	4.35		2.23	.06			T						.13	.42						.08			.06	.12		1.08	.17		T		.47	T			
WEST WHARTON	6.62			2.48				.07						.67	.21					.07		.63		1.43			.60	.32		.14				
WOODCLIFF LAKE	5.42		2.20	.05			.08						.03	.96				.05	.05	.20	.35		.43	.47		.33	.20								
WOODSTOWN	4.62		.30	2.40			.65						.20	.59			T	.06		.07	.10						.20		.05						

See Reference Notes Following Station Index

MONTHLY AND SEASONAL SNOWFALL

Season of 1958 - 1959

NEW JERSEY

Station	July	August	September	October	November	December	January	February	March	April	May	June	Total
ATLANTIC CITY WB AP						5.1	2.7	T	T	2.0			9.8
ATLANTIC CITY						5.0		-	-	-			-
AUDUBON						1.0	4.0	T	1.0	T			6.D
BASS RIVER ST FOREST						4.0	3.0	T					7.0
BELLEPLAIN						6.0	-	.3	-				-
BELVIDERE					-	3.3	2.1	.4	6.2	.4			-
BERLIN 1 W		-				T	-	-	T	.3			-
BERNARDSVILLE 2 E	-	-	-	-	-	-	-	-	-				-
BLACKWELLS MILLS					-	-	-	-	-				-
BOONTON 2 SE					-	-	-	-	-	-			-
BOUND BROOK 1 W					-	-	-	-	-	-			-
BRANCHVILLE					1.5	7.7	4.7	1.5	13.5	2.5			31.4
BURLINGTON					T	-	-	-	-	-			-
CANISTEAR RESERVOIR					2.0	2.1	2.5	2.D	13.0	2.0			23.6
CANOE BROOK					T	3.5	2.5	.5	8.5	.5			15.5
CANTON						.5	2.5	T	-	T			-
CAPE MAY 3 W						2.0	-		-	T			-
CEDAR GROVE						3.0	-		8.0				-
CHARLOTTEBURG					1.0	4.5	3.3	2.5	13.8	2.0			27.1
CHATHAM						-	-	-	-	-			-
CHATSWORTH 5 S	-	-	-	-	-	-	-	-	-	-	-	-	-
CLAYTON					T	.5	3.0	T	T	T			3.5
CLINTON					-	2.8	2.5	-	-	.5			-
DEEPWATER						T	-	-	-	-			-
ELIZABETH					-	5.2	2.0	-	6.2				-
ELIZABETHPORT						-	-	-	-	-			-
ESSEX FELLS SERV BLDG					T	-	-	-	-	-			-
FLEMINGTON 1 NE					T	4.5	4.5	1.9	11.1	3.0			25.0
FORTESCUE						-	-		-				-
FREEHOLD						3.0	1.9	-	5.8	.2			-
GREENWOOD LAKE				T	1.0	3.8	4.0	2.5	-	1.8			-
HAMMONTON 2 NNE						-	-	-	-				-
HIGH POINT PARK				T	-	6.0	2.0	-	-	-			-
HIGHTSTOWN 1 N					-	2.3	1.8	.3	5.0	.5			-
INDIAN MILLS 2 W						1.0	4.2	T	T	T			5.2
IRVINGTON						3.6	-	-	-	-			-
JERSEY CITY					-	-	-	-	-				-
LAMBERTVILLE						2.5	1.5	T	5.0	T			9.0
LAURELTON 1 E					T	-	-	T	4.8	T			-
LAYTON 3 NW					1.2	4.8	4.6	.5	14.5	7.0			32.6
LEESBURG STATE FARM						3.D	1.5	-	-				-
LITTLE FALLS 1 E					T	3.D	1.5	-	10.1				-
LONG BRANCH						4.0	1.2	.2	5.5	T			10.9
LONG VALLEY						5.0	3.0	2.0	12.0	2.0			24.0
MACOPIN INTAKE						4.5	-	2.0	13.0	-			-
MAHWAH				T	1.0	4.0	3.0	-	-	-			-
MANVILLE						3.0	-	-	3.2				-
MARLTON 1 W						1.0	4.6	.2	2.7	.5			9.0
MAYS LANDING					-	3.0	3.0	-	-	T			-
MIDLAND PARK					.5	-	3.5	-	11.5	1.5			-
MILLVILLE						2.0	2.0	T	T	-			-
MILTON						-	-	-	-	-			-
MOORESTOWN					-	1.1	6.0	-	1.7	1.0			-
MORRIS PLAINS					.2	3.8	2.8	.8	11.4	2.0			21.0
NEWARK WB AIRPORT					T	5.3	2.2	1.0	8.2	1.1			17.8
NEW BRUNSWICK EXP STA					T	3.0	2.2	T	5.0	-			-
NEW MILFORD						-	-	-	-	-			-
NEWTON				T	-	4.4	1.D	1.0	-	-			-
OAK RIDGE RESERVOIR					1.0	3.8	2.8	2.3	11.8	3.0			24.7
OLDWICK					-	-	-	-	-	-			-
ORANGE						-	-	-	-	-			-
PATERSON					.2	5.2	1.6	1.1	8.1	1.0			17.2
PEMBERTON 3 E						1.0	4.8	-	-	1.0			-
PHILLIPSBURG					-	2.0	2.0	T	4.0	T			-
PHILLIPSBURG BRIDGE					-	-	3.0	-	7.5	-			-
PLAINFIELD					T	3.5	3.0	1.0	7.5	2.2			17.2
PLEASANT RUN						2.0	1.5	.5	.5	-	-	-	-
PRINCETON WATER WORKS						2.0	-	-	-	-			-
RAHWAY					T	3.2	3.0	T	7.6	T			13.8
RIDGEFIELD					T	7.5	2.1	.5	12.1	1.0			23.2
RINGWOOD						-	2.2	.8	9.8	.5			-
SANDY HOOK LBSTA						-	-	-	-	T			-
SHILOH						.3	2.0						2.3
SOMERVILLE						3.5	1.6	.5	6.0	T			11.6
SPLIT ROCK POND						-	-	-	-	-			-
SUSSEX 3 N				T	T	4.0	3.0	1.0	10.0	1.0			19.D
SWEDESBORO 5 NW						.3	1.5	.6	1.D				3.4
TOMS RIVER						2.7	-	-	-				-
TRENTON 2						1.5	1.5	.7	6.5	.8			11.0
TRENTON WB CITY					T	1.6	2.3	1.1	5.2	.8			11.0
TUCKERTON					-	-	-	-	-	-	-	-	-
VINELAND						-	-	-	-	-			-
WANAQUE RAYMOND DAM						-	-	-	-	-			-
WERTSVILLE						-	-	-	-				-
WESTFIELD					T	2.8	-	T	6.0	1.5			-
WEST WHARTON	-	-	-	-	-	-	-	-	-	T			-
WOODCLIFF LAKE	-	-	-			-	-	-	-	-			-
WOODSTOWN						.5	-	-	T	-			-

See Reference Notes Following Station Index

DAILY TEMPERATURES

Station		Day Of Month																													Average
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
ATLANTIC CITY WB AP	MAX	65	74	79	81	81	85	81	86	92	93	90	75	84	71	73	73	63	71	73	84	85	91	81	81	82	90	88	82	98	97		81.6
	MIN	57	60	62	58	59	56	61	60	65	69	64	64	62	54	52	52	52	49	54	58	63	66	65	61	64	67	67	66	71	75		61.1
ATLANTIC CITY	MAX	62	67	77	76	79	83	80	80	92	93	91	74	79	73	76	76	67	73	74	84	85	80	79	74	72	82	84	72	96	93		79.1
	MIN	57	61	62	60	65	62	68	68	71	74	68	68	66	58	57	56	55	54	54	58	64	67	69	64	65	67	66	66	71	72		63.8
AUDUBON	MAX	68	70	80	86	86	88	87	90	95	94	91	86	86	71	74	71	68	73	76	86	86	92	84	85	88	92	93	95	98	99		84.6
	MIN	55	62	61	58	58	58	61	60	67	68	65	61	67	53	54	55	53	49	56	58	60	64	70	59	64	70	71	67	72	70		61.5
BELLEPLAIN	MAX	68	75	78	80	82	84	84	89	95	95	88	79	88	85	75	74	64	73	76	85	85	91	84	87	85	86	88	90	100	98		83.7
	MIN	57	60	62	53	52	54	60	54	65	65	66	64	71	54	51	49	46	44	46				71	60	61	67	69	67	72	76		59.9
BELVIDERE	MAX	70	70	81	86	86	84	83	87	94	92	87	82	82	72	75	69	65	72	72	85	85	84	83	82	78	89	90	88	96	93		82.1
	MIN	57	61	62	54	59	55	53	55	61	62	62	59	65	60	51	48	51	48	55	50	59	62	63	50	63	67	66	65	70	72		58.8
BOONTON 2 SE	MAX	80	67	64	79	85	89	83	82	87	92	90	78	77	80	64	72	63	60	68	69	84	83	82	80	81	74	88	88	84	94		78.9
	MIN	54	57	61	57	56	55	54	57	60	65	64	55	58	52	52	48	53	48	55	49	58	60	64	51	59	64	66	64	65	70		57.7
BURLINGTON	MAX	71	69	80	84	86	88	85	92	95	95	86	85	84	74	75	72	66	72	75	87	87	92	85	87	85	90	90	90	96	98		84.0
	MIN	58	64	60	62	62	58	60	60	67	69	66	60	66	55	52	58	54	51	52	55	65	66	71	60	58	64	68	64	66	76		61.6
CANOE BROOK	MAX	80	67	67	79	85	84	85	81	89	92	90	78	77	82	65	76	64	61	69	69	85	83	86	80	82	72	89	89	85	95		79.5
	MIN	62	58	62	52	58	55	58	55	60	62	64	58	58	52	50	48	53	45	55	46	57	60	65	51	61	66	66	64	66	70		57.9
CAPE MAY 3 W	MAX	66	74	72	82	77	84	82	86	90	92	86	76	81	75	75	75		71	73	83	85	82	80	82	78	84	90	86	93	94		81.2
	MIN	58	62	63	60	59	63	66	62	67	69	68	67	69	57	60		55	51	60	64	67	67	69	64	65	66	71	68	71	77		64.3
CHARLOTTEBURG	MAX	79	68	64	78	84	81	83	80	88	91	89	76	77	81	61	70	62	60	68	67	83	81	79	79	79	70	87	89	85	93		77.7
	MIN	53	54	58	53	56	54	47	50	56	59	60	54	55	48	47	49	50	47	51	41	54	55	62	45	51	61	64	62	64	68		54.3
CLAYTON	MAX	67	66	78	82	84	84	83	88	93	91	89	84	84	80	78	68	70	70	73	82	85	91	80	80	86	90	91	92	91	97		82.6
	MIN	63	61	60	59	57	55	57	60	64	67	65	68	68	52	52	51	53	49	51	57	59	64	66	59	62	71	69	67	71	70		60.9
ELIZABETH	MAX	70	67	77	83	85	87	84	91	95	93	86	76	82	67	76	70	63	73	74	86	85	87	82	83	76	89	88	80	97	95		81.6
	MIN	57	60	60	56	61	53	57	59	65	66	68	60	64	52	52	52	54	47	56	50	61	62	66	57	64	66	69	64	69	75		60.1
ESSEX FELLS SERV BLDG	MAX	89	80	78	80	85	80	81	90	91	90	92	90	85	78	70	75	70	72	75	74	81	83	84	80	82	70	88	89	87	95		82.1
	MIN	50	54	60	63	60	55	58	63	69	70	64	65	63	64	50	54	60	57	60	58	60	61	63	52	57	62	64	65	68	64		60.4
FLEMINGTON 1 NE	MAX	76	65	81	87	86	86	86	91	93	93	89	85	85	75	75	66	68	73	74	87	86	90	85	85	78	91	95	90	96	95		83.7
	MIN	56	61	61	51	56	52	55	54	60	62	62	58	65	51	51	51	48	49	50	48	50	60	66	48	59	67	67	64	67	71		57.3
FREEHOLD	MAX	68	67	77	82	84	84	82	88	92	92	90	81	83	68	74	73	62	69	73	84	84	90	86	83	80	89	88	85	96	94		81.6
	MIN	56	59	60	56	57	56	55	57	62	67	67	59	64	50	43	50	52	47	53	51	61	62	67	54	62	67	69	66	70	74		59.1
MAMMONTON 2 NNE	MAX	81	67	75	78	84	82	86	85	90	94	89	82	84	78	72	74	73	67	73	76	86	87	93	84	87	89	93	92	93	98		83.1
	MIN	64	55	56	60	57	56	55	59	58	63	68	60	65	52	56	54	50	50	47	52	55	60	64	68	56	60	66	69	65	69		59.0
MIGH POINT PARK	MAX	82	66	61	75	86	80	85	80	89	90	91	76	73	79	65	69	56	56	61	68	82	81	75	80	80	72	88	90	86	95		77.2
	MIN	49	52	54	52	58	56	50	58	63	66	67	51	54	43	42	46	46	43	49	48	57	58	57	51	56	58	63	61	64	66		54.6
HIGMTSTOWN 1 N	MAX	69	66	78	84	85	85	83	90	94	93	92	85	84	70	75	66	62	74	75	85	85	90	84	87	80	90	90	90	99	97		82.9
	MIN	56	60	61	56	59	57	58	59	64	66	61	59	66	56	49	52	52	47	54	52	60	64	67	52	61	68	68	65	70	74		59.8
INDIAN MILLS 2 W	MAX	67	73	78	85	85	86	86	90	96	95	91	81	85	70	73	70	67	71	76	85	85	92	83	86	87	91	93	94	98	98		83.9
	MIN	56	60	61	51	54	52	55	54	60	62	63	61	68	51	48	47	47	44	51	52	52	63	68	52	62	68	68	65	68	71		57.8
JERSEY CITY	MAX	60	64	77	81	77	84	81	90	93	92	79	69	78	62	74	63	59	67	64	79	83	84	81	78	69	82	83	70	96	90		77.0
	MIN	55	56	57	62	65	64	60	63	72	72	61	60	61	52	53	56	50	49	56	49	65	67	67	60	64	64	63	62	62	78		60.8
LAMBERTVILLE	MAX	75	68	80	85	85	85	84	88	93	93	91	85	83	70	75	74	65	73	74	86	85	89	86	85	83	90	93	93	97	98		83.7
	MIN	58	62	62	53	58	55	55	56	60	64	65	59	65	52	52	50	49	48	57	51	58	63	68	50	62	68	68	67	70	72		59.2
LAURELTON 1 E	MAX	62	65	80	80	79	88	79	87	96	95	76	76	77	71	77	71	63	75	75	87	87	92	85	79	78	86	85	75	100	99		80.8
	MIN	56	60	59	54	56	55	57	55	63	65	60	61	58	50	50	47	52	46	51	47	61	63	57	55	65	67	65	64	68	72		58.0
LAYTON 3 NW	MAX	80	65	72	80	82	78	80	90	93	90	87	81	80	68	78	70	60	68	70	85	84	75	80	72	81	91	88	89	94	95		80.2
	MIN	50	60	60	50	53	52	43	55	55	60	54	54	64	48	47	45	47	43	58	44	55	56	62	60	58	67	65	65	70	68		55.6
LEESBURG STATE FARM	MAX	74	75	79	82	80	85	86	89	95	95	92	85	86	82	78	76	69	71	74	85	86	89	87	85	86	91	93	90	100	100		84.8
	MIN	59	61	63	54	53	53	61	56	60	63	65	65	70	54	53	52	50	48	52	60	60	65	72	60	62	68	70	67	74	73		60.8
LITTLE FALLS 1 E	MAX	82	78	70	82	87	86	87	84	91	94	94	80	80	84	66	76	66	63	72	70	88	86	85	84	84	72	90	90	82	97		81.7
	MIN	56	57	60	55	59	56	54	57	63	65	66	57	60	51	50	53	52	48	55	46	56	62	65	54	64	66	66	64	67	72		58.5
LONG BRANCH	MAX	63	68	78	81	80	86	80	90	95	94	77	75	80	67	75	67	60	70	70	86	84	92	80	76	74	83	83	74	98	95		79.4
	MIN	56	58	59	59	60	56	60	60	67	69	60	59	64	53	51	55	53	50	55	51	62	66	67	63	63	65	64	62	68	77		60.4
LONG VALLEY	MAX	72	68	76	85	81	83	81	87	92	91	85	78	81	74	73	71	63	69	72	84	83	84	79	82	79	88	90	82	95	91		80.6
	MIN	55	59	57	58	56	54	49	51	59	58	58	56	65	49	46	43	49	45	53	44	53	56	66	48	57	66	68	63	66	68		55.8
MILLVILLE	MAX	93	67	77	79	84			86	90	94	94	93	84	86	72	75	73	68	73	77	86	86	93	85	86	88	94	95	90	98		84.5
	MIN	57	58	62	58	58			57	64	67	68	64	68	56	54	56	52	50	56	58	62	65	73	64	63	68	72	67	68	76		62.2
MOORESTOWN	MAX	68	69	79	84	85	85	86	90	94	94	89	84	84	72	74	71	66	71	76	86	86	90	84	84	89	91	93	93	97	97		83.7
	MIN	57	51	59	58	60	57	57	58	65	67	62	60	61	53	54	52	51	48	57	58	60	65	69	56	62	65	67	66	71	66		59.7
MORRIS PLAINS	MAX	78	68	66	79	81	84	85	83	89	95	93	77	78	82	66	74	64	61	70	71	85	85	83	82	82	72	89	88	85	95		79.7
	MIN	55	55	56	60	62	57	53	56	62	64	64	56	57	50	51	45	51	49	54	47	58	59	64	51	59	63	66	63	66	70		57.4
NEWARK WB AIRPORT	MAX	64	66	81	85	83	89	85	93	95	94	80	74	82	66	76	65	62	70	69	89	86	88	84	81	72	89	87	76	100	96		80.9
	MIN	57	61	62	64	64	60	62	62	68	72	62	62	61	53	54	57	53	52	57	54	63	66	68	62	66	67	65	64	70	79		62.2
NEW BRUNSWICK EXP STA	MAX	72	68	78	84	84	85	83	88	93	92	90	75	82	75	75	75	62	70	72	85	85	88	82	83	78	88	88	85	96	96		81.9
	MIN	55	59	60	55	59	55	56	57	63	66	63	58	65	50	50	52	52	48	55	51	60	64	67	54	62	64	68	63	70	75		59.2
NEWTON	MAX	81	70	66	78	84	81	85	82	90	94	92	79	82	81	64	72	61	63	66	70	85	83	80	80	82	75	90	90	88	96		79.7
	MIN	56	57	60	49	53	52	47	51	57	60	60	57	58	48	48	50	50	44	55	45	55	58	63	44	61	61	62	65	61	70		55.2
PATERSON	MAX	82	68	68	80	86					96	95	80	80	83	65	75	68	61	73	68	87	85	85	84	85	71	90	88	80	99		80.1
	MIN	55	55	59	57	60					69	60	56	57	51	50	54	52	49	55	50	60	65	64	56	64	64	67	63	65	76		59.0
PEMBERTON 3 E	MAX	69	70	80	83	83	84	84	89	94	94	92	82	85	70	75	74	66	72	77	87	86	90	86	85	88	90	92	93	99	98		83.9
	MIN	55	60	60	53	56	53	52	56	60	63	65	60	67	50	44	47	46	45	48	50	58	57	68	54	62	68	69	65	69	72		57.7
PHILLIPSBURG	MAX	82	69	79	85	85	84	84	88	93	94	93	84	85	77	74	75	65	72	73	85	86	86	81	83	84	90	91	93	96	96		83.7
	MIN	57	61	62	56	58	50	54	56	61	64	63	58	63	50	53	55	52	50	56	63	60	62	65	52	64	69	68	65	69	72		59.6
PLAINFIELD	MAX	69	65	80	85	86	86	84	91	95	94	85	77	84	69	76	69	64	72	73	87	86	87	84	85	73	91	88	87	98	95		82.2
	MIN	58	60	61	55	59	55	58	57	62	65	66	59	67	52	51	49	53	48	56	49	59	62	64	56	62	64	69	64	71	73		59.5
RIDGEFIELD	MAX	70	64	78	86	86	87	84	91	94	92	79	82	82	65	75	64	61	70	67	84	82	81	82	83	70	87	87	78	97	93		80.0
	MIN	56	61	60	57	62	59	57	61	67	69	60	59	61	52	52	55	51	49	56	50	61	66	66	56	66	67	67	65	68	74		60.3
SANDY HOOK LBSTA	MAX	83	65	72	80	80	77	87	85	92	96	96	71	72	77	65	65	67	68	68	74	79	88	85	87	79	74	81	75	86	94		78.9
	MIN	55	57	57	60	62	61	61	62	68	70	64	62	64	52	58	56	52	52	56	55	62	66	62	62	62	62	66	61	69	73		61.0

See Reference Notes Following Station Index

DAILY TEMPERATURES

Station		Day Of Month																													Average
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
SHILOH	MAX	73	75	77	83	78	83	84	87	92	92	91	81	84	74	75	74	66	71	77	84	84	91	90	84	83	90	91	91	97	98		83.3
	MIN	57	61	61	57	59	58	63	61	65	68	68	62	68	52	52	54	50	48	55	58	63	67	70	59	60	63	72	67	71	71		61.3
SOMERVILLE	MAX	70	68	80	84	84	85	83	89	93	93	87	87	83	69	75	71	66	71	76	85	85	87	82	84	75	90	91	88	98	95		82.5
	MIN	57	61	61	54	57	54	56	56	60	64	65	59	65	51	47	47	53	48	51	49	58	61	66	52	63	67	68	64	67	73		58.5
SUSSEX 3 N	MAX	85	72	66	80	86	87	85	81	92	92	91	80	79	81	62	70	60	60	68	69	84	82	79	79	81	73	89	90	87	95		79.5
	MIN	54	56	60	52	54	50	49	52	57	64	62	55	57	48	42	44	49	46	45	47	51	59	63	46	51	60	65	65	65	70		54.6
TRENTON 2	MAX	71	67	79	85	85	87	83	89	93	94	85	84	83	70	75	70	65	72	74	85	85	91	83	84	85	91	93	92	97	96		83.1
	MIN	57	61	61	58	62	57	60	61	66	69	61	59	64	50	50	54	52	49	56	54	63	66	68	57	63	69	70	65	71	76		61.0
TRENTON WB CITY	MAX	69	67	78	83	85	86	84	90	94	95	84	82	83	70	74	67	64	70	73	85	84	90	82	86	85	90	92	91	98	96		82.6
	MIN	57	61	62	63	62	59	63	64	69	73	60	59	59	52	51	54	53	51	57	56	65	67	66	60	64	69	65	65	72	73		61.7
WOODSTOWN	MAX	75	74	80	84	83	85	86	90	95	94	94	83	84	76	76	76	67	74	77	86	86	92	92	87	87	91	94	94	98	97		85.2
	MIN	57	62	62	57	56	57	56	60	63	66	68	62	67	54	51	55	50	48	55	58	58	63	70	59	63	69	71	67	75	73		61.1

EVAPORATION AND WIND

Station		Day of month																													Total or Avg.
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
ATLANTIC CITY WB AIRPORT	EVAP	.08	.02	.22	.26	.24	.29	.32	.35	.30	.31	-	.11	.20	.08	-	-	.05	-	.15	-	.37	.19	.40	.30	.25	.22	.21	.22	.31	.39		B7.01
	WIND	10	37	87	109	42	71	54	63	77	40	59	67	114	310	172	101	85	83	113	78	73	94	99	104	38	52	66	72	88	74		2532
	MAX	72	81	81	89	86	91	91	94	96	99	91	79	87	76	73	77	68	79	73	89	88	92	90	91	92	96	92	91	98	101		83.4
	MIN	60	64	64	60	64	60	66	63	65	71	70	73	69	50	49	51	54	52	56	60	65	66	71	64	67	71	75	70	73	81		1924
CANOE BROOK	EVAP	.23	.03	-	.18	.29	-	-	.21	.19	.22	.19	.19	.20	.24	.17	.26	.12	.04	.12	.05	.18	*	*	.44	.16	.03	.14	.18	.05	.21		B4.63
	WIND	51	20	20	45	22	23	11	10	28	3	23	39	39	66	85	66	43	28	46	42	17	22	15	17	28	10	14	19	1	28		881

See Reference Notes Following Station Index

MONTHLY AND SEASONAL HEATING DEGREE DAYS

Season of 1958 - 1959

NEW JERSEY

Station	July	August	September	October	November	December	January	February	March	April	May	June	Total	Long-term means July-June
ATLANTIC CITY W8 AP	0	1	62	306	510	1132	1029	852	740	367	131	23	5153	4741
ATLANTIC CITY	0	0	38	266	476	1091	1019	852	759	452	154	12	5119	
AUDU8ON	0	0	47	282	522	1084	1019	867	722	312	81	17	4953	
8ELLEPLAIN	0	3	62	265	472	1095	1001	832	686	332	120	31	4899	
8ELVIDERE	0	1	71	312	665	1208	1097	967	799	350	116	22	5608	
8OONTON 2 SE	0	9	124	464	619	1243	1160	1024	870	414	165	44	6136	
8URLINGTON	0	0	46	274	494	1065	999	845	699	291	78	10	4801	
CANOE 8ROOK	0	8	103	424	606	1247	1148	1015	851	409	164	40	6015	
CAPE MAY 3 W	0	0	29	202	401	1032	960	796	681	361	102	8	4572	
CHARLOTTE8URG	12	30	156	508	659	1296	1207	1094	942	460	215	63	6642	
CHATSWORTH 5 S								854						
CLAYTON	0	0	51	272	554	1102	1020	855	712	309	94	17	4986	
ELIZABETH	0	0	51	315	521	1089	1019	909	749	301	105	23	5082	
ESSEX FELLS SERV 8LDG	1	4	122	449	626	1283	1191	1050	823	358		5		
FLEMINGTON 1 NE	0	2	89	366	641	1201	1106	973	806	360	141	26	5711	
FREEHOLD	0	0	68	336	536	1116	1035	902	771	355	126	37	5282	
HAMMONTON 2 NNE	0	2	49	297	495	1105	1021	857	709	354	109	21	5019	
HIGH POINT PARK	10	29	172	524	711	1371	1302	1171	980	509	208	84	7071	
HIGHTSTOWN 1 N	0	1	70	335	550	1121	1036	913	765	341	121	27	5280	
INDIAN MILLS 2 W	0	4	91	336	557	1145	1049	895	752	350	117	33	5329	
JERSEY CITY	0	1	64	367	562	1147	1070	978	826	398	136	49	5598	
LAMBERTVILLE	0	1	74	344	595	1144	1046	918	759	337	121	20	5359	
LAURELTON 1 E	0	3	88	354	581			937	806	419	160	32		
LAYTON 3 NW	4	8	124	417	712	1294	1186	1042	862	449	185	42	6325	
LEESBURG STATE FARM	0	0	53	233	527	1065	1026	855	679	329	111	13	4891	
LITTLE FALLS 1 E	0	2	69	384	541	1158	1093	964	807	351	126	30	5525	
LONG 8RANCH	0	0	62	320	533	1105	1010	907	791	412	142	33	5315	
LONG VALLEY	0	11	115	408	676	1236	1127	1016	849	398	182	38	6056	
MILLVILLE	0	0	39	285	492	1141	1045	861	704	327	103	13	5010	
MOORESTOWN	0	1	78	326	563	1117	1038	898	736	326	127	24	5234	
MORRIS PLAINS	1	8	108	441	611	1229	1158	1024	873	418	160	44	6075	
NEWARK W8 AIRPORT	0	0	37	323	520	1103	1036	928	761	343	101	27	5179	5252
NEW 8RUNSWICK EXP STA	0	0	63	324	546	1129	1041	915	765	344	122	22	5271	
NEWTON	7	27	150	505	679	1337	1220	1088	900	443	195	51	6602	
PATERSON	0	0	61	378	533	1147	1089	974	822	364	114	38	5520	
PEMBERTON 3 E	0	1	77	319	535	1111	1029	866	741	330	117	34	5160	
PHILLIPS8URG	0	2	82	333	577	1147	1065	896	721	305	104	12	5244	
PLAINFIELD	0	2	62	358	578	1131	1046	932	772	343	118	25	5367	
RIDGEFIELD	0	1	69	359	563	1153	1071	962	786	364	122	33	5483	
SANDY HOOK L8STA	0	0	21	270	441	1021	977	859	687	377	115	24	4792	
SHILOH	0	1	52	259	488	1083	1005	844	691	321	101	16	4861	
SOMERVILLE	0	0	83	363	617	1186	1084	980	799	355	127	27	5621	
SUSSEX 3 N	6	18	145	485	677	1340	1231	1107	939	480	205	63	6696	
TRENTON 2	0	0	68	382	578	1166	1115	982	805	394	107	22	5619	
TRENTON W8 CITY	0	0	54	329	540	1105	1027	907	744	334	108	23	5171	5068
TUCKERTON	0	0	87	317			1035							
WOODSTOWN	0	0	55	275	518	1084	1012	843	700	301	89	11	4888	

DAILY SOIL TEMPERATURES

NEW JERSEY
JUNE 1959

Station And Depth		Day of month																													Average
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
NEW BRUNSWICK EXP STATION																															
MEASURED UNDER SOD																															
1 INCH	MAX	68	65	70	72	74	75	79	79	85	88	75	78	76	70	70	66	63	70	73	81	83	77	86	85	72	83	83	82	89	90		78.8
	MIN	62	63	62	60	64	63	64	67	66	66	64	64	66	60	58	59	58	56	59	52	61	64	61	60	64	68	70	68	70	73		83.2
2 INCHES	MAX	68	65	70	-	-	-	-	-	80	80	75	79	75	69	69	66	64	70	72	80	82	76	84	83	72	83	82	81	88	88		75.6
	MIN	62	63	62	-	-	-	-	-	66	67	64	64	66	60	58	60	59	57	59	52	62	64	63	61	65	68	70	69	70	73		63.4
4 INCHES	MAX	69	65	71	74	74	76	77	79	81	79	70	70	71	67	64	64	62	84	64	69	71	70	73	72	89	76	78	75	79	81		71.8
	MIN	62	63	62	62	84	63	64	67	66	87	66	65	67	61	58	61	60	58	61	59	63	65	67	64	85	68	71	69	70	73		64.4
8 INCHES	MAX	66	65	67	68	68	68	69	70	72	71	69	69	70	68	64	63	62	62	62	65	67	67	70	69	67	72	74	72	75	77		68.3
	MIN	63	63	63	64	64	64	65	66	66	67	67	66	68	63	61	62	60	59	59	60	63	64	66	65	85	67	69	69	88	72		64.6
16 INCHES	MAX	64	62	63	64	64	64	65	65	66	67	67	66	66	66	64	62	61	61	61	62	63	64	65	65	65	87	68	68	70	71		64.9
	MIN	62	62	62	63	63	63	63	64	65	65	66	65	65	64	62	61	61	60	60	60	62	63	64	64	64	65	67	68	68	89		63.6

Measured under Kentucky Bluegrass. Instrumentation: Copper-constantan Thermocouples connected to a 8rown Electronik Potentiometer.

See Reference Notes Following Station Index

Station	Temperature													Precipitation									
										No. of Days								Snow, Sleet			No. of Days		
										Max.		Min.											
	Average Maximum	Average Minimum	Average	Departure From Long Term Means	Highest	Date	Lowest	Date	Degree Days	90° or Above	32° or Below	32° or Below	0° or Below	Total	Departure From Long Term Means	Greatest Day	Date	Total	Max. Depth on Ground	Date	.10 or More	.50 or More	1.00 or More
DECEMBER 1957																							
SANDY HOOK L8 STA	51.8	33.6	42.7	6.6	70	23	17	12	684	0	0	11	0	5.94	2.87	1.40	26	.0			12	5	2
MARCH 1958																							
SANDY HOOK L8 STA	48.5	33.7	41.1	1.1	61	2	28	9	732	0	0	12	0	4.46	.83	1.30	21				6	5	2
APRIL 1958																							
SANDY HOOK L8 STA	60.9	42.5	51.7	2.1	77	19	30	9	391	0	0	2	0	6.69	3.72	1.62	23	.0	0		7	6	3
MAY 1958																							
SANDY HOOK L8 STA	67.3	51.0	59.2	- 1.0	78	20+	43	1	187	0	0	0	0	5.94	2.33	1.50	26	.0	0		11	4	2
JUNE 1958																							
SANDY HOOK L8 STA	74.4	54.8	64.6	- 5.1	88	29+	42	3	58	0	0	0	0	2.85	- .27	.62	9	.0	0		9	1	0
JULY 1958																							
SANDY HOOK L8 STA	84.7	66.9	75.8	.4	95	1	58	4	0	3	0	0	0	4.48	.92	.84	9	.0	0		9	3	0
AUGUST 1958																							
SANDY HOOK L8 STA	84.0	66.9	75.5	1.4	93	29+	66	30	0	5	0	0	0	4.20	- .35	1.98	25	.0	0		7	3	1
SEPTEMBER 1958																							
SANDY HOOK L8 STA	77.6	59.3	68.5	.6	68	30	54	30	21	0	0	0	0	3.29	- .34	1.21	18	.0	0		5	2	1
OCTOBER 1958																							
SANDY HOOK L8 STA	64.9	47.4	56.2	- 2.2	77	10	39	26	270	0	0	0	0	7.89	5.02	2.50	23	.0	0		7	4	4
NOVEMBER 1958																							
TUCKERTON	58.5	36.5	47.5		70	14	16	30	516	0	0	10	0					.0	0				
DECEMBER 1958																							
TUCKERTON	39.5	18.0	28.8		57	5	- 1	14	1116	0	10	27	1										
MARCH 1959																							
LAURELTON 1 E	49.5	28.2	38.9	- 1.9	74	24+	17	29	806	0	0	22	0	4.90	.63	1.49	6	4.8	1	27+	7	3	1
SANDY HOOK L8 STA	52.8M	30.8M	41.8M	1.8	68	25	20	23	687	0	0	21	0	5.45	1.82	2.22	6				11	3	1
MAY 1959																							
LAURELTON 1 E	75.3	50.5	62.9	1.5	92	30+	35	17+	160	3	0	0	0	3.12	- 1.04	1.10	13	.0	0		6	2	1

See Reference Notes Following Station Index

DAILY PRECIPITATION

NEW JERSEY
DELAYED DATA

Station	Day of month																													Total
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
DECEMBER 1957																																
SANDY HOOK LB STA				.32	.10		.20	.20	.28	.50	.55	.25								.58	1.37					1.40	.08		.13			5.94
MARCH 1958																																
SANDY HOOK LB STA			.03	.81										.02					.08	1.08	1.30					.30	.54				.50	4.48
APRIL 1958																																
SANDY HOOK LB STA	.11					1.60	.54				.69									.02		.06	1.82					1.15	.03	.87		8.69
MAY 1958																																
SANOY HOOK LB STA			.40	.10	.10	.85	1.34	.15			.10	.17			.03	.45				.80			.03			1.50	.01		.01			5.94
JUNE 1958																																
SANDY HOOK LB STA		.02	.02	.02					.62	.23	.01	.27	.02				.20	.13	.19	.24	.03	.46					.38					2.85
JULY 1858																																
SANDY HOOK LB STA						.39	.12	.41	.84			.03	.41	.27			.05		.03			.79	.06		.08		.61	.07	.33	.01		4.48
AUGUST 1958																																
SANDY BOOK LB STA	.57								.22			.46	.18	.03	.03	.52						.11		.01	1.88	.07	.01		.01			4.20
SEPTEMBER 1958																																
SANDY ROOK LS STA										.0B								1.21	.01	.01	.44	.35					.33	.86				3.29
OCTOBER 1958																																
SANDY BOOK LB STA	1.36			.05				.03	.01				.02		.25	.01		.03				.03	2.50		1.40	2.00	.10	.10				7.89
NOVEMBER 195B																																
TUCKERTON		-	.50												.01	.60												*	*			-
DECEMBER 1958																																
TUCKERTON			*	*	2.00						-	-		-															-	.10		-
MARCH 1959																																
LAURELTON 1 E	T		T	.11		1.49	T			.41	.03	.97			.03	T	.05				.35					T	.96	.09		.40	.01	4.90
SANDY HOOK LB STA				.22	.02	2.22	.20			.13	.03	.83		.31		.08		.11				.28	.01			.03	.63	.19	.01	.15		5.45
APRIL 1959																																
BERNARDSVILLE 2 E	-	-	-	-	-	-	-	-	.05	.07	.26	.15	.26							.21	.04					T	.10	.52	.46			-
MAY 1959																																
LAURELTON 1 E	.36	T	.05				.38					T	1.10	.12	.02				.12										.97			3.12

See reference notes following Station Index.

DAILY TEMPERATURES

NEW JERSEY
DELAYED DATA

Station		Day of month																													Average
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
DECEMBER 1957																																	
SANDY HOOK LB STA	MAX	47	52	49	40	57	44	54	55	51	44	41	38	39	42	55	55	60	48	60	56	64	54	70	52	50	54	55	53	61	50	55	51.8
	MIN	35	29	33	24	24	27	38	42	34	36	33	17	18	27	33	30	35	36	38	50	48	42	35	43	32	38	30	33	39	34	32	33.8
MARCH 1958																																	
SANDY HOOK LB STA	MAX	59	61	49	44	57	51	48	60	52	42	53	47	45	39	48	51	50	45	46	38	38	46	52	51	48	42	42	51	52	50	48	48.5
	MIN	37	36	37	32	38	33	34	32	28	33	32	34	32	32	34	30	33	33	32	31	31	33	34	40	37	35	30	37	31	34	39	33.7
APRIL 1958																																	
SANDY HOOK LB STA	MAX	51	54	54	52	56	54	57	54	54	52	48	48	62	61	70	61	64	67	77	68	72	68	63	68	68	68	60	57	72	68		60.9
	MIN	39	39	39	36	34	43	45	38	30	32	34	37	40	42	45	43	43	46	48	55	44	49	47	47	50	48	45	44	47	46		42.5
MAY 1958																																	
SANDY HOOK LB STA	MAX	60	69	69	55	55	50	48	54	68	65	70	74	71	72	63	57	67	70	78	78	75	74	72	71	66	70	68	74	72	75	76	67.3
	MIN	43	48	48	49	45	44	44	45	45	52	56	54	48	48	49	48	47	58	64	56	51	54	57	52	52	54	46	56	53	55	60	51.0
JUNE 1958																																	
SANDY HOOK LB STA	MAX	79	75	70	72	70	74	72	71	75	75	72	83	82	72	74	72	70	69	66	66	65	74	72	70	76	80	88	78	88	82		74.4
	MIN	55	62	42	53	50	43	50	53	52	55	56	64	62	56	55	54	54	54	55	55	58	54	50	55	56	50	62	61	61	58		54.8
JULY 1958																																	
SANDY HOOK LB STA	MAX	95	90	93	88	84	80	80	85	82	88	87	88	86	77	87	86	82	81	84	83	80	75	84	82	83	89	84	78	87	89	88	84.7
	MIN	66	70	73	58	67	63	60	67	68	64	72	71	66	66	72	71	69	64	65	64	64	63	64	65	69	69	68	68	68	67	73	66.9
AUGUST 1958																																	
SANDY HOOK LB STA	MAX	88	83	84	90	93	92	93	88	84	85	85	81	82	89	91	87	80	82	80	80	88	88	84	77	77	70	78	75	83	84	84	84.0
	MIN	69	66	67	72	71	66	72	74	65	68	71	71	69	72	72	64	65	64	59	73	60	66	64	65	65	63	63	62	62	66	69	66.9
SEPTEMBER 1958																																	
SANDY HOOK LB STA	MAX	83	84	72	80	82	82	86	84	73	76	79	71	75	83	83	86	84	77	76	74	68	76	74	73	73	85	84	69	67	68		77.6
	MIN	65	55	60	61	63	68	67	65	54	66	55	52	52	67	69	65	61	59	57	59	59	59	55	56	59	62	54	52	48	54		59.3
OCTOBER 1958																																	
SANDY HOOK LB STA	MAX	67	60	60	63	70	66	65	66	69	77	71	64	59	63	66	76	76	75	70	75	62	60	64	74	63	52	50	50	57	59	62	64.9
	MIN	50	48	52	52	52	40	44	46	56	45	52	43	46	42	47	52	61	51	45	47	41	50	54	55	48	39	40	41	44	42	43	47.4
NOVEMBER 1958																																	
TUCKERTON	MAX	63	52	54	63	60	68	55	54	67	53	56	64	55	70	62	63	55	62	68	60	53	50	52	68	62	60	55	55	60	37		58.5
	MIN	40	38	38	33	31	48	41	25	45	39	34	41	32	38	47	51	50	53	51	35	41	31	18	33	29	28	30	22	37	16		36.5
DECEMBER 1958																																	
TUCKERTON	MAX	40	43	45	50	57	55	30	32	35	28	30	32	35	30	30	30	45	40	43	40	30	39	51	47	34	21	38	50	45	55	45	39.5
	MIN	13	20	20	41	39	23	17	20	23	12	6	14	7	- 1	18	10	8	21	12	25	10	1	21	32	12	9	5	21	37	39	24	18.0
MARCH 1959																																	
LAURELTON 1 E	MAX	41	45	50	54	44	64	44	46	53	41	37	41	39	44	56	55	49	40	61	74	69	36	52	74	56	51	42	42	42	40	51	49.5
	MIN	25	30	25	30	20	40	28	19	30	25	21	27	25	28	36	28	21	24	22	33	37	23	20	34	37	41	31	24	17	35	37	28.2
SANDY HOOK LB STA	MAX	66	47	56	58	50	52	59	59	55	56	55	39	36	49	47	52	54	52	54	62	62	65	45	56	68	50	51	49	39	41		52.8
	MIN	30	34	30	35	30	35	39	24	32	29	26	26	26	29	30	31	32	27	29	37	48	22	20	32	38	37	35	26	24	31		30.8
MAY 1959																																	
LAURELTON 1 E	MAX	68	56	70	72	64	83	81	73	63	67	86	88	75	70	61	65	69	75	75	92	85	90	72	73	67	72	83	87	85	92	74	75.3
	MIN	41	38	48	38	41	44	54	47	35	39	58	61	58	49	46	38	35	50	56	63	63	69	56	45	39	43	62	66	65	63	57	50.5

SNOWFALL AND SNOW ON GROUND

NEW JERSEY
DELAYED DATA

Station		Day of month																													
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
MARCH 1959																																
LAURELTON 1 E	SNOWFALL							T			1.5	T	2.0					T										1.3				
	SN ON GND										1	T	T															1				

See reference notes following Station Index.

MONTH: MARCH 1957

Daily Precipitation Table:
Atlantic City WB — Amount on the 19th should be 1.62.

MONTH: JANUARY 1958

Climatological Data Table:
Sandy Hook Lb Sta — Precipitation departure from long-term average should be +1.75.

MONTH: JANUARY 1959

Climatological Data Table:
Atlantic City — Total precipitation should be 1.18; precipitation departure from long-term average should be -2.60.

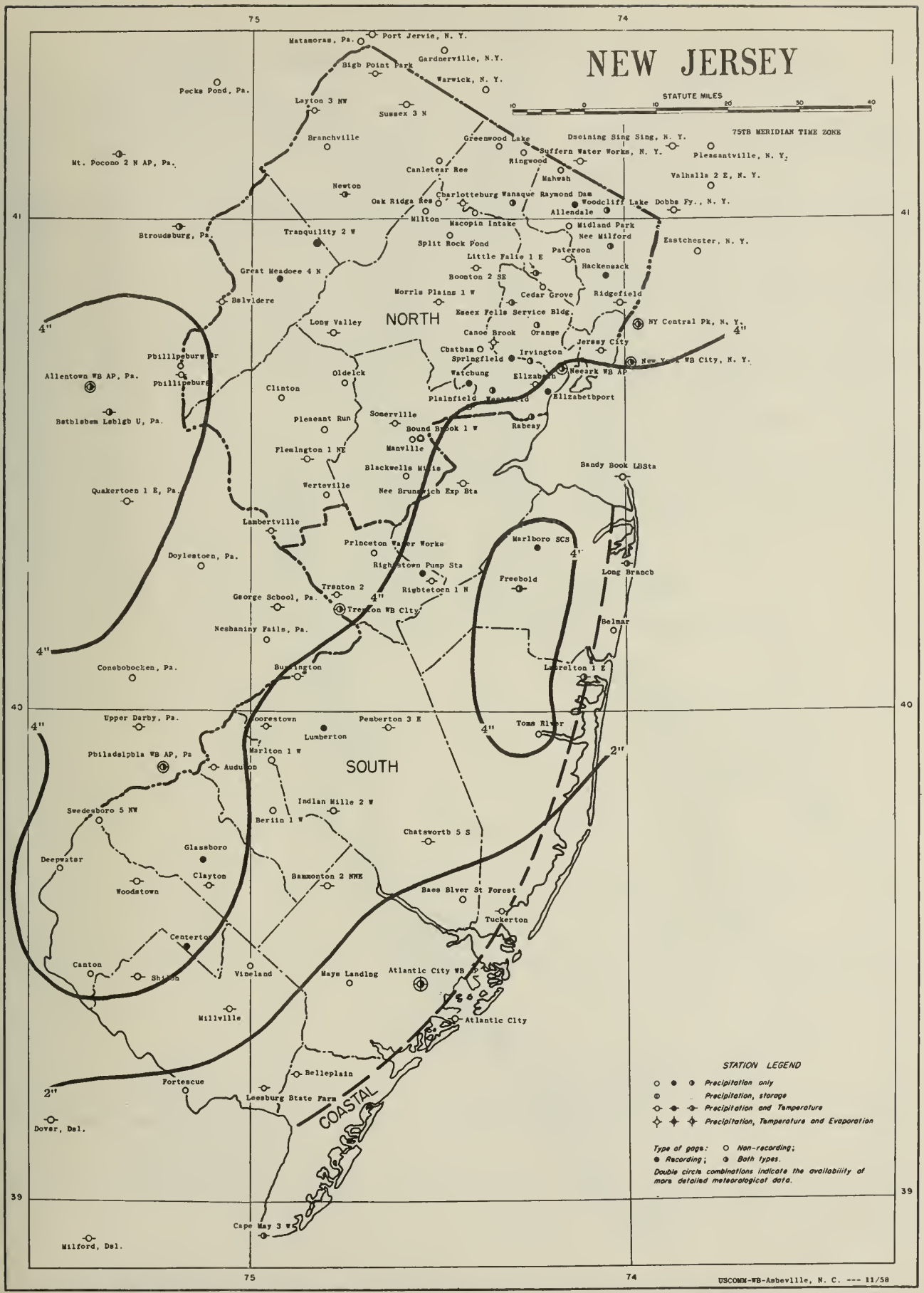
Daily Precipitation Table:
Atlantic City — Correct as follows: 15th, .02; 20th, .12; monthly total, 1.18.

MONTH: MARCH 1959

Daily Precipitation Table:
Pleasant Run — Correct as follows: 7th, .47; 12th, .96; 13th, .40; 15th, 0; 16th, .06; 22nd, .10; monthly total 4.38.

TOTAL PRECIPITATION

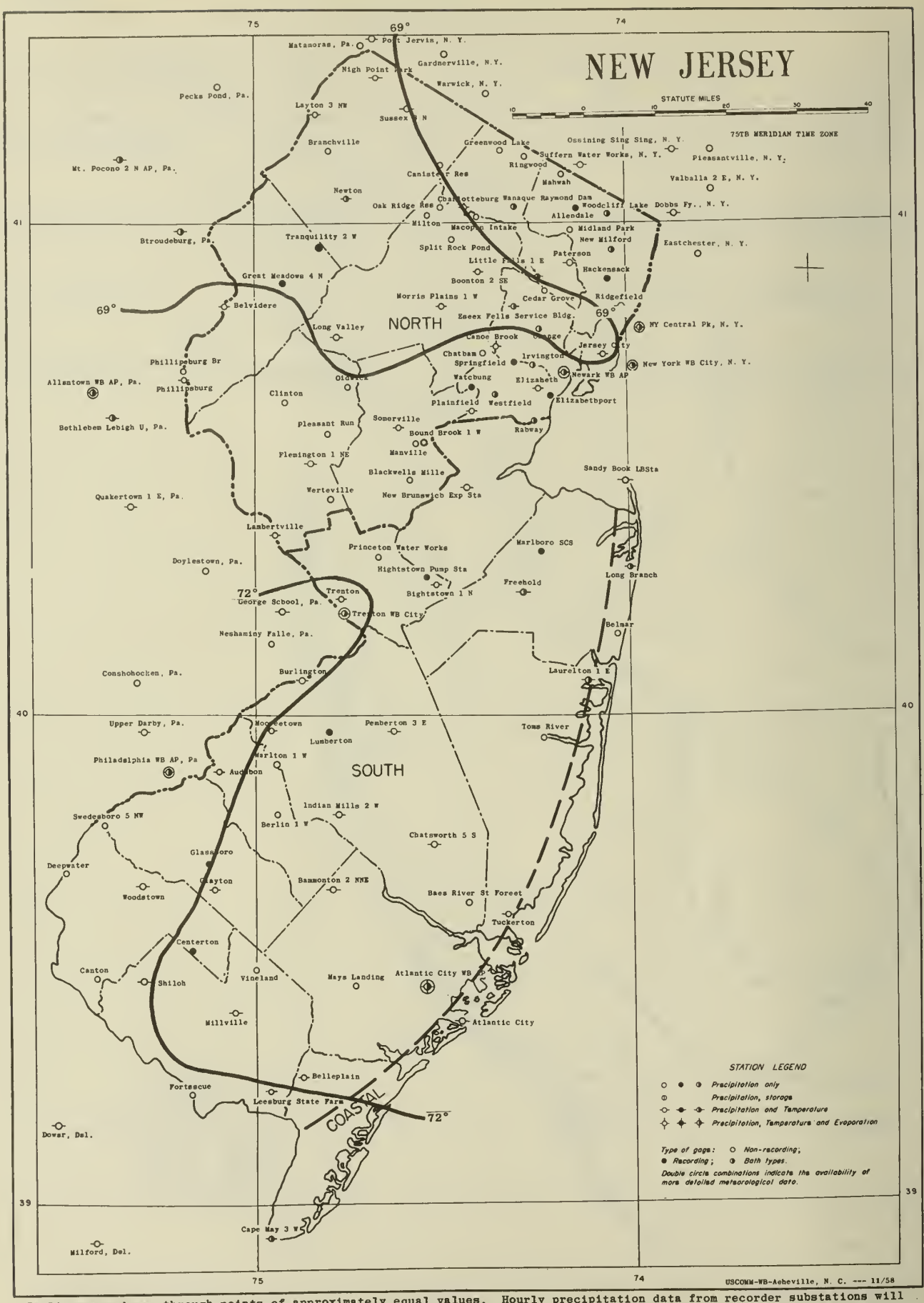
NEW JERSEY
JUNE 1959



Isolines are drawn through points of approximately equal values. Hourly precipitation data from recorder substations will be available in the publication "Hourly Precipitation Data".

AVERAGE TEMPERATURE

NEW JERSEY
JUNE 1959



Isolines are drawn through points of approximately equal values. Hourly precipitation data from recorder substations will be available in the publication "Hourly Precipitation Data".

STATION INDEX

STATION	INDEX NO.	COUNTY	DRAINAGE ‡	LATITUDE	LONGITUDE	ELEVATION	OBSERVATION TIME AND TABLES: TEMP.	PRECIP.	EVAP.	SPECIAL (SEE NOTES)	OBSERVER
ALLENDALE	0100	BERGEN	8	41 02	74 08	270				C	GEROW BRILL
ATLANTIC CITY WB AP	0311	ATLANTIC	1	39 27	74 35	58	M10	N10	7P	C HJ	U.S. WEATHER BUREAU
# ATLANTIC CITY	0325	ATLANTIC	1	39 23	74 26	10	M10	M10		H	STATE MARINA
AUDUBON	0346	CAMDEN	2	39 54	75 04	50	11P	11P			IRVIN J. NYGREN
BASS RIVER ST FOREST	0528	BURLINGTON	1	39 37	74 26	20		6P		H	N.J. FORESTRY SERVICE
BELLEPLAIN	0690	CAPE MAY	1	39 16	74 52	49	5P	5P			MRS. ED C. HOFFMAN
BELMAR	0721	MONMOUTH	1	40 10	74 02	19					INACTIVE 1/58
BELVIDERE	0729	WARREN	2	40 50	75 05	275	5P	5P		H	CLENENT HAUPT
BERLIN 1 W	0787	CAMDEN	7	39 48	74 57	150		7A			SAMUEL H. MC CULLEY
BERMARDSVILLE 2 E	0797	SOMERSET	8	40 43	74 32	240		7A			BERNARDS WATER COMPANY
BLACKWELLS MILLS	0847	SOMERSET	10	40 29	74 35	27		7A			HENRY M. MILLER
BOONTON 2 SE	0907	MORRIS	8	40 54	74 24	280	8A	8A			JERSEY CITY WATER WORKS
BOUND BROOK 1 W	0927	SOMERSET	10	40 33	74 33	20		8A			AMERICAN CYANAMID CO.
BRANCHVILLE	0978	SUSSEX	2	41 09	74 45	570		7A			ALBERT M. DAVENPORT
BURLINGTON	1211	BURLINGTON	2	40 04	74 53	12	6P	6P			PUBLIC SVC. E. + G. CO.
CANISTEAR RESERVOIR	1327	SUSSEX	8	41 07	74 30	1040		8A			NEWARK WATER DEPARTMENT
CAMDE BROOK	1335	ESSEX	8	40 45	74 21	180	9A	9A	9A		COMMONWEALTH WATER CO.
CANTON	1343	SALEM	2	39 28	75 25	20		9A			GERTRUDE S. WILLIS
CAPE MAY 3 W	1351	CAPE MAY	1	38 56	74 57	17	5P	5P		C	N.WEST MAGNESITE CO.
CEDAR GROVE	1472	ESSEX	8	40 52	74 13	400		8A			J. A. PLUNKETT
CENTERTON	1512	SALEM	6	39 31	75 10	80				C	JOHN HOPKINS UNI.
CHARLOTTEBURG	1582	PASSAIC	8	41 03	74 26	760	7A	7A		H	NEWARK WATER DEPT.
CHATHAM	1590	MORRIS	8	40 44	74 23	185		8A			EDWARD P. MOLITOR
CHATSWORTH 5 S	1598	BURLINGTON	1	39 44	74 32	90	5P	5P			INACTIVE 5/58
CLAYTON	1708	GLOUCESTER	6	39 39	75 06	120	6P	6P		H	HARRY P. CAMPBELL
CLINTON	1749	HUNTERDON	10	40 38	74 55	300		6P			L. W. KLOCKNER
DEEPWATER	2209	SALEM	2	39 41	75 30	12		M10			DU PONT DE NEMOURS
ELIZABETH	2644	UNION	1	40 40	74 14	33	5P	5P			UNION CO. PARK COMM.
ELIZABETHPORT	2652	UNION	8	40 39	74 12	30		M10		C	SEWAGE TREATMENT PLANT
ESSEX FELLS SERV BLDG	2768	ESSEX	8	40 50	74 18	250	8A	8A		C	BOROUGH ESSEX FELLS
FLEMINGTON 1 NE	3029	HUNTERDON	10	40 31	74 51	134	5P	5P		H	OONALD YOUNG
FORTESCUE	3102	CUMBERLAND	2	39 14	75 10	5		7A			JOHN LOPER
FREEHOLD	3181	MONMOUTH	10	40 15	74 17	194	6P	6P		C H	FRANK J. MOREAU
GLASSBORO	3291	GLOUCESTER	2	39 42	75 07	150				C	PROF. J. B. SANGREE
GREAT MEADOWS 4 N	3416	WARREN	2	40 56	74 55	540				C	GAMMA CHEMICAL CORP.
GREENWOOD LAKE	3516	PASSAIC	8	41 09	74 20	660		7A			GEORGE T. WIGGINS
HACKENSACK	3572	BERGEN	4	40 53	74 03	10				C	BERGEN COUNTY ENGINEERS
MAMMONTON 2 NNE	3662	ATLANTIC	7	39 39	74 48	85	8A	8A			W. HUBBARD PARKHURST
HIGH POINT PARK	3935	SUSSEX	2	41 18	74 40	1570	8A	8A			N. J. DEPT. OF CONS.
HIGHTSTOWN 1 N	3951	MERCER	10	40 16	74 31	100	8P	8P		H	JAMES R. PICKERING
NIGHTSTOWN PUMPING STA	3956	MERCER	10	40 17	74 32	75				C	OEPT. WATER + SEWAGE
INDIAN MILLS 2 W	4229	BURLINGTON	7	39 48	74 47	100	7P	7P		H	EDWARD ENTWISTLE
IRVINGTON	4260	ESSEX	1	40 43	74 15	120		N10		C	JOINT MEETING GARAGE
JERSEY CITY	4339	HUDSON	1	40 44	74 04	135	M+O	N10			JERSEY CITY WATER DEPT.
LAMBERTVILLE	4635	HUNTERDON	2	40 22	74 57	75	6P	6P		H	E. E. CASE
LAURELTON 1 E	4700	OCEAN	1	40 04	74 07	20	M10	N10		C H	GEORGE G. WADDILL
LAYTON 3 NW	4735	SUSSEX	2	41 15	74 51	480	6P	6P		H	A. N. DEPUE
LEESBURG STATE FARM	4762	CUMBERLAND	6	39 14	74 58	10	4P	4P			LEESBURG STATE FARM
LITTLE FALLS 1 E	4887	PASSAIC	8	40 53	74 14	157	9A	9A		C H	PASSAIC VLY. WTR. COMM.
LONG BRANCH	4987	MONMOUTH	1	40 18	73 59	34	M10	M10		C HJ	WILLIAM O. MARTIN, JR.
LONG VALLEY	5003	MORRIS	10	40 48	74 46	660	6P	6P		H	ARTHUR BARKMAN
LUMBERTON	5055	BURLINGTON	2	39 58	74 48	25				C	JAMES LAWTON
MACOPIN INTAKE	5071	PASSAIC	8	41 01	74 24	584		9A			NEWARK WATER DEPT.
MAHWAH	5104	BERGEN	8	41 06	74 10	253		7A			ROBERT G. GLASGOW
MANVILLE	5197	SOMERSET	10	40 33	74 34	50		N10			JOHN L. RADCLIFFE
MARLBORO SCS	5244	MONMOUTH	1	40 20	74 14	120				C	GEROW BRILL
MARLTON 1 W	5252	BURLINGTON	2	39 54	74 57	90		6P			DAVID GRISCOM
MAYS LANDING	5346	ATLANTIC	3	39 27	74 44	50		5P		H	ELMER EARLE
MIDLAND PARK	5503	BERGEN	1	40 59	74 09	210		N10			RIDGEWOOD WATER CO.
MILLVILLE	5576	CUMBERLAND	6	39 24	75 03	60	8A	8A		C H	L. J. GALLAHER
MILTON	5597	MORRIS	8	41 01	74 32	950		7A			JERSEY CITY WATER WKS.
MOORESTOWN	5728	BURLINGTON	2	39 58	74 58	55	M10	8A		H	H. J. WILLARD
MORRIS PLAINS	5769	MORRIS	8	40 50	74 30	500	8A	8A		H	JAMES C. LONG
NEWARK WB AIRPORT	6026	ESSEX	1	40 42	74 10	11	M10	M10		C HJ	U.S. WEATHER BUREAU
NEW BRUNSWICK EXP STA	6062	MIDDLESEX	10	40 28	74 26	80	5P	5P		GH	ARTHUR H. AHLQUIST
NEW MILFORD	6146	BERGEN	4	40 57	74 02	12		N10		C	MACKENSACK WATER CO.
NEWTON	6177	SUSSEX	2	41 03	74 45	565	8A	8A		C H	NEWTON WTR. + SWR. COMM.
OAK RIDGE RESERVOIR	6460	PASSAIC	8	41 02	74 30	870		8A			NEWARK WATER DEPT.
OLDWICK	6544	HUNTERDON	10	40 40	74 45	260		8A			DAN A. COUGHLIN
ORANGE	6560	ESSEX	8	40 47	74 14	140		M10		C	COUNTY ENGINEER
PATERSON	6775	PASSAIC	8	40 55	74 09	100	8A	8A		H	P. J. OEL VECCHIO
PEMBERTON 3 E	6843	BURLINGTON	2	39 58	74 38	60	5P	5P		H	CHARLES A. DOEHLERT
PHILLIPSBURG	6976	WARREN	2	40 41	75 12	182	3P	3P		H	SEWAGE DISPOSAL PLANT
PHILLIPSBURG BRIDGE	6979	WARREN	2	40 42	75 12	196		9A			JOINT TOLL BRIDGE COMM.
PLAINFIELD	7079	UNION	10	40 36	74 25	120	8P	8P		H	MRS VIVIAN SCHERER
PRINCETON WATER WORKS	7328	MERCER	10	40 19	74 40	90		M10			PRINCETON WATER CO.
RAHWAY	7393	UNION	9	40 36	74 15	20		M10		C H	RAHWAY VLY. SWG. AUTH.
RIDGEFIELD	7545	BERGEN	4	40 50	74 01	80	M10	N10		H	GEORGE P. KIRSTEN
RINGWOOD	7587	PASSAIC	8	41 08	74 16	305		10A			NO. JERSEY WTR. SUPPLY
SANDY HOOK LBSTA	7869	MONMOUTH	1	40 28	74 01	22	7P	7P			U.S. COAST GUARD
SHILOH	8051	CUMBERLAND	2	39 28	75 18	120	5P	5P			EVERETT DICKINSON
SOMERVILLE	8194	SOMERSET	10	40 34	74 37	75	6P	6P		H	W. E. MAYER
SPLIT ROCK POND	8402	MORRIS	8	40 58	74 28	800		10A			JERSEY CITY D. P. W.
SPRINGFIELD	8423	UNION	1	40 43	74 18	-				C	N. J. DEPT. OF CONS.
SUSSEX 3 N	8644	SUSSEX	5	41 14	74 35	530	7A	7A			BRICE B. STANTON
SWEDESBORO 5 NW	8685	GLOUCESTER	2	39 47	75 24	10		12N			SUN OIL CO.
TOMS RIVER	8816	OCEAN	1	39 57	74 14	10		5P			ROBERT F. SNYDER
TRANQUILITY 2 W	8858	WARREN	2	40 57	74 50	551				C	H. J. ERVEY
TRENTON 2	8878	MERCER	2	40 14	74 46	105	M10	M10			E. H. RISTOW
# TRENTON WB CITY	8883	MERCER	2	40 13	74 46	56	M10	M10		C HJ	U.S. WEATHER BUREAU
TUCKERTON	8899	OCEAN	1	39 36	74 20	10					INACTIVE 2/59
VINELAND	9135	CUMBERLAND	6	39 29	75 00	110		8A			STATE HOME FOR WOMEN
WANAQUE RAYMOND DAM	9187	PASSAIC	8	41 03	74 18	320		8A		C H	WATER SUPPLY COMM.
WATCHUNG	9271	UNION	8	40 40	74 25	-				C	BONNIE BURN SANITARIUM
WERTSVILLE	9363	HUNTERDON	10	40 27	74 48	160		7A			ROBERT N. MANNERS
# WESTFIELD	9455	UNION	9	40 39	74 21	138		5P		C	CITY ENGINEER
WEST WHARTON	9608	MORRIS	8	40 54	74 36	680		7A			N.J. POWER + LIGHT CO.
WOODCLIFF LAKE	9832	BERGEN	4	41 01	74 03	103		M10		C	HACKENSACK WATER CO.
WOODSTOWN	9910	SALEM	2	39 39	75 19	50	5P	5P			CREAM VALLEY DAIRY

‡ 1-COASTAL; 2-DELAWARE; 3-GREAT EGG HARBOR; 4-HACKENSACK; 5-HUDSON; 6-MAURICE; 7-MULLICA; 8-PASSAIC; 9-RAHWAY; 10-RARITAN; 11-ROCKAWAY

REFERENCE NOTES

Additional information regarding the climate of New Jersey may be obtained by writing to the State Climatologist at Weather Bureau Office, c/o General Delivery, Trenton, New Jersey or to any Weather Bureau Office near you.

Figures and letters following the station name, such as 12 SSW, indicate distance in miles and direction from the post office.

Delayed data and corrections will be carried only in the June and December issues of this bulletin.

Monthly and seasonal snowfall and heating degree days for the preceding 12 months will be carried in the June issue of this bulletin.

Stations appearing in the Index, but for which data are not listed in the tables, either are missing or were received too late to be included in this issue.

Divisions, as used in "Climatological Data" Table and on the maps, became effective with data for September 1956.

Unless otherwise indicated, dimensional units used in this bulletin are: Temperature in °F, precipitation and evaporation in inches and wind movement in miles. Monthly degree day totals are the sums of the negative departures of average daily temperatures from 65° F.

Evaporation is measured in the standard Weather Bureau type pan of 4 foot diameter unless otherwise shown by footnote following the "Evaporation and Wind" Table. Max and Min in "Evaporation and Wind" Table refer to extremes of temperature of water in pan as recorded during 24 hours ending at time of observation.

Long-term means for full-time stations (those shown in the Station Index as "U. S. Weather Bureau") are based on the period 1921-1950, adjusted to represent observations taken at the present location. Long-term means for all stations except full-time Weather Bureau stations are based on the period 1931-1955.

Water equivalent values published in the "Snowfall and Snow on Ground" Table are the water equivalent of snow, sleet, or ice on the ground. Samples for obtaining measurements are taken from different points for successive observations; consequently occasional drifting and other causes of local variability in the snowpack result in apparent inconsistencies in the record.

Entries of snowfall in the "Climatological Data" Table and the "Snowfall and Snow on Ground" Table, and in the "Seasonal Snowfall" Table include snow and sleet. Entries of snow on ground include snow, sleet and ice.

Data in the "Daily Precipitation" Table; "Daily Temperature" Table; and "Evaporation and Wind" Table, and snowfall in the "Snowfall and Snow on Ground" Table, when published, are for the 24 hours ending at time of observation. The Station Index shows observation times in local standard time. During the summer months some observers take the observations on daylight saving time.

Snow on ground in the "Snowfall and Snow on Ground" Table is at observation time for all except Weather Bureau and FAA stations. For these stations snow on ground values are at 7:00 a.m., E.S.T.

In the Station Index the letters C, G, H, and J in the "Special" column under the heading "Observation Time and Tables", indicate the following:

C Recording Rain Gage Station. Hourly precipitation values are processed for special purposes, and are published later in "Hourly Precipitation Data" Bulletin.

G "Soil Temperature" Table.

H "Snowfall and Snow on Ground" Table. Omission of data in any month indicates no snowfall and/or snow on ground in that month.

J "Supplemental Data" Table.

OTHER REFERENCE NOTES

No record in the "Climatological Data" Table and the "Daily Temperature" Table is indicated by no entry.

Interpolated values for monthly precipitation totals may be found in the annual issue of this publication.

\- No record in the "Daily Precipitation" Table; "Evaporation and Wind" Table; "Daily Soil Temperature" Table; "Snowfall and Snow on Ground" Table; and the Station Index.

\+ And also on an earlier date or dates.

++ Fastest observed one minute wind speed. This station is not equipped with automatic wind instruments.

* Amount included in following measurement, time distribution unknown.

\# Thermometers are generally exposed in a shelter located a few feet above sod-covered ground; however, the reference indicates that the thermometers are exposed in a shelter located on the roof of a building.

// Gage is equipped with a windshield.

AR This entry in time of observation column in Station Index means after rain.

AM Data based on observational day ending before noon.

B Adjusted to a full month.

D Water equivalent of snowfall wholly or partly estimated, using a ratio of 1 inch water equivalent to every 10 inches of new snowfall.

M One or more days of record missing; if average value is entered, less than 10 days record is missing. See "Daily Temperature" Table for detailed daily record. Degree day data, if carried for this station, have been adjusted to represent the value for a full month.

R Amounts from recording gage. (These amounts are essentially accurate but may vary slightly from the amounts to be published later in Hourly Precipitation Data.)

SS This entry in time of observation column in Station Index means observation made near sunset.

T Trace, an amount too small to measure.

V Includes total for previous month.

X Observation time is 1:00 a.m., E.S.T. of the following day.

VAR This entry in time of observation column in Station Index means variable.

General weather conditions in the U. S. for each month are described in the publications MONTHLY WEATHER REVIEW, MONTHLY CLIMATOLOGICAL DATA-NATIONAL SUMMARY, and STORM DATA, all of which may be obtained from the Superintendent of Documents, Government Printing Office, Washington 25, D. C.

Information concerning the history of changes in locations, elevations, exposure etc., of substations through 1955 may be found in the publication "Substation History" for this state. That publication may be obtained from the Superintendent of Documents, Government Printing Office, Washington 25, D. C. for 15 cents. Similar information for regular Weather Bureau stations may be found in the latest annual issue of Local Climatological Data for the respective stations, obtained as indicated above, price 15 cents.

Subscription Price: 20 cents per copy, monthly and annual; $2.50 per year. (Yearly subscription includes the Annual Summary). Checks, and money orders should be made payable to the Superintendent of Documents. Remittance and correspondence regarding subscriptions should be sent to the Superintendent of Documents, Government Printing Office, Washington 25, D. C.

USCOMM-WB-Asheville, N. C. ---8/7/59 --- 775

551.05
UNNJ

U. S. DEPARTMENT OF COMMERCE
FREDERICK H. MUELLER, Secretary
WEATHER BUREAU
F. W. REICHELDERFER, Chief

CLIMATOLOGICAL DATA

NEW JERSEY

JULY 1959
Volume LXIV No. 7



ASHEVILLE: 1959

NEW JERSEY - JULY 1959

TEMPERATURE AND PRECIPITATION EXTREMES

Highest Temperature: 99° on the 1st at Millville

Lowest Temperature: 44° on the 8th at 4 Stations

Greatest Total Precipitation: 16.64 inches at Belleplain

Least Total Precipitation: 2.29 inches at Canistear Reservoir

Greatest One-Day Precipitation: 6.46 inches on the 10th at Atlantic City WB AP

CLIMATOLOGICAL DATA

NEW JERSEY
JULY 1959

Station		Temperature												Precipitation									
										No. of Days								Snow, Sleet			No. of Days		
										Max.		Min.											
		Average Maximum	Average Minimum	Average	Departure From Long Term Means	Highest	Date	Lowest	Date	Degree Days	90° or Above	32° or Below	32° or Below	0° or Below	Total	Departure From Long Term Means	Greatest Day	Date	Total	Max. Depth on Ground	Date	.10 or More	.50 or More	1.00 or More
NORTHERN																							
BELVIDERE		84.7	63.0	73.9	- 1.6	92	29	50	8	0	1	0	0	0	3.76	- 1.61	2.30	20	.0	0		6	1	1
BOONTON 2 SE	AM	84.0	62.8	73.4	.4	94	30	51	8	0	4	0	0	0	3.90	- .30	.90	21	.0	0		9	3	0
CANOE BROOK	AM	84.0	64.1	74.1	1.0	91	1	50	8	0	4	0	0	0	3.35	- 1.27	.84	24	.0	0		8	2	0
CHARLOTTEBURG	AM	82.0	59.3	70.7	- .5	89	30	44	8	8	0	0	0	0	3.66	- 1.07	1.47	21	.0	0		7	2	1
ELIZABETH		85.8	66.0	75.9	- .1	94	24	55	8	0	6	0	0	0	6.25	1.87	1.50	23	.0	0		9	3	2
ESSEX FELLS SERV BLDG	AM	85.2	65.6	75.4		95	1	55	26	0	4	0	0	0	3.34		.97	25	.0	0		6	4	0
FLEMINGTON 1 NE		87.6	62.9	75.3	- .4	96	29	47	8	0	8	0	0	0	6.81	2.43	2.51	24	.0	0		8	3	2
HIGH POINT PARK	AM	81.8	60.4	71.1		89	29	49	3	9	0	0	0	0	3.67		1.70	21	.0	0		6	3	1
JERSEY CITY		80.2	67.3	73.8	- 1.9	90	24	60	8+	0	1	0	0	0	4.16	.20	1.07	20	.0	0		7	4	1
LAMBERTVILLE		87.1	64.9	76.0	1.1	94	29+	50	8	0	7	0	0	0	3.71	- .76	1.08	24	.0	0		8	2	1
LAYTON 3 NW		84.2	60.1	72.2	.4	93	29+	44	8	1	3	0	0	0	4.72	- .19	2.05	20	.0	0		7	2	1
LITTLE FALLS 1 E	AM	86.5	64.6	75.6	.7	95	1	53	8	0	9	0	0	0	3.60	- .90	.99	20	.0	0		7	3	0
LONG VALLEY		84.2	61.0	72.6		93	29	47	8	0	2	0	0	0	5.10	- .04	2.90	31	.0	0		8	2	1
MORRIS PLAINS	AM	84.3	63.0	73.7		94	1	52	9+	0	4	0	0	0	3.31		.57	21	.0	0		10	2	0
NEWARK WB AIRPORT	R	85.4	68.0	76.7	1.4	93	19+	62	26+	0	8	0	0	0	2.49	- 1.71	.57	14	.0	0		7	1	0
NEWTON	AM	84.5	60.4	72.5	.0	91	30+	45	8	5	4	0	0	0	2.80	- 1.88	1.14	25	.0	0		5	3	1
PATERSON	AM	86.1	64.7	75.4	- .5	94	1	55	8	0	12	0	0	0	3.21	- 1.37	1.14	21	.0	0		8	1	1
PHILLIPSBURG		87.9	62.8	75.4	1.0	97	29	48	4	0	10	0	0	0	3.64	- 2.00	1.30	15	.0	0		6	3	1
PLAINFIELD		85.9	65.3	75.6	.5	94	29	53	8	0	6	0	0	0	3.68	- .81	.90	20	.0	0		8	2	0
RIDGEFIELD		85.0	66.1	75.6	.4	93	29+	56	8	0	7	0	0	0	3.02	- 1.30	.70	22+	.0	0		10	2	0
SOMERVILLE		86.5	64.4	75.5	.8	93	11	52	6	0	6	0	0	0	6.34	1.90	1.99	24	.0	0		8	4	2
SUSSEX 3 N	//AM	84.0	60.6	72.3	- 1.1	94	30	48	8	2	3	0	0	0	3.51	- 1.56	1.18	21	.0	0		7	3	1
DIVISION				74.2	.0										4.00	- .62			.0					
SOUTHERN																							
ATLANTIC CITY WB AP		82.6	66.6	74.6	.3	91	29+	56	8	0	3	0	0	0	13.09	9.39	6.46	10	.0	0		8	6	3
AUDUBON		86.7	65.8	76.3		95	29	47	8	0	10	0	0	0	5.93		2.43	14	.0	0		7	4	2
BELLEPLAIN		84.8	65.6	75.2		94	29	51	9+	0	2	0	0	0	16.64	12.46	6.41	10	.0	0		8	6	4
BURLINGTON		87.4	65.7	76.6	- .7	94	29+	44	8	0	11	0	0	0	5.41	1.17	1.34	20	.0	0		11	4	2
CLAYTON		84.7	66.7	75.7		96	1	54	8	0	4	0	0	0	9.73		3.50	14	.0	0		11	7	2
FREEHOLD		85.2	64.9	75.1	.0	92	1	53	8+	0	6	0	0	0	8.60	4.58	3.30	24	.0	0		9	5	2
HAMMONTON 2 NNE	AM	85.9	65.2	75.6	- .6	97	1	51	9	0	7	0	0	0	9.35	5.16	3.18	11	.0	0		10	4	4
MIGHTSTOWN 1 N		85.5	64.8	75.2	.2	93	29	51	8	0	7	0	0	0	7.57	3.32	1.44	15	.0	0		12	6	3
INDIAN MILLS 2 W		85.1	63.0	74.1	- .8	97	29	44	8	0	4	0	0	0	7.19	3.35	1.70	10	.0	0		11	5	2
†LAURELTON 1 E		82.8	64.2	73.5	- 1.2	93	24+	49	8	0	3	0	0	0	18.24	14.44	7.12	23	.0	0		9	7	5
MILLVILLE		85.4	67.2	76.3		99	1	57	8+	0	6	0	0	0	7.73		3.68	10	.0	0		7	4	3
MOORESTOWN		85.2	65.1	75.2	.0	94	29	51	8	0	6	0	0	0	6.80	2.82	1.58	31	.0	0		10	7	1
NEW BRUNSWICK EXP STA		84.9	64.5	74.7	- .4	92	29	53	8	0	3	0	0	0	7.32	3.07	2.25	31	.0	0		7	5	2
PEMBERTON 3 E		86.2	63.6	74.9	- .8	96	1	48	8	0	8	0	0	0	7.52	3.17	1.31	20	.0	0		13	6	2
SHILOH		84.5	66.6	75.6	- 1.0	96	1	57	8	0	4	0	0	0	7.70	3.84	2.26	14	.0	0		8	5	4
TRENTON WB CITY	R	84.4	67.6	76.0	.7	93	29	61	8	0	3	0	0	0	5.11	1.05	1.83	15	.0	0		6	3	2
TUCKERTON		83.7	64.4	74.1		91	24	48	9+	0	4	0	0	0	7.10		2.30	14+	.0	0		6	3	3
WOODSTOWN		86.6	65.7	76.2		97	1	52	8	0	8	0	0	0	7.14		2.40	20	.0	0		10	4	3
DIVISION				75.4	- .1										8.23	4.18			.0					
COASTAL																							
ATLANTIC CITY	R	78.5	68.8	73.7	.1	88	2	62	3	0	0	0	0	0	15.69	11.91	5.44	10	.0	0		7	5	4
CAPE MAY 3 W		82.2M	68.6M	75.4M		89	29	61	9+	0	0	0	0	0	10.52		2.50	10	.0	0		9	7	4
LONG BRANCH	R	81.8	66.0	73.9	- .7	95	24	57	8	0	3	0	0	0	8.05	3.96	2.44	20	.0	0		8	6	3
SANDY HOOK LBSTA																							
DIVISION				74.3	- .4										11.42	8.01			.0					

†DATA RECEIVED TOO LATE TO BE INCLUDED IN DIVISION AVERAGES

SUPPLEMENTAL DATA

Station	Wind direction		Wind speed m. p. h.				Relative humidity averages - percent				Number of days with precipitation							Percent of possible sunshine	Average sky cover sunrise to sunset
	Prevailing	Percent of time from prevailing	Average	Fastest mile	Direction of fastest mile	Date of fastest mile	1:00 a EST	7:00 a EST	1:00 p EST	7:00 p EST	Trace	.01-.09	.10-.49	.50-.99	1.00-1.99	2.00 and over	Total		
ATLANTIC CITY WB AIRPORT	S	21	9.6	-	-	-	91	89	86	78	7	3	2	3	1	2	18	-	7.6
ATLANTIC CITY	-	-	9.0	38	SE	1	-	-	-	-	-	7	2	1	1	3	-	38	-
LONG BRANCH	SW	15	12.1	28	SW	19	-	85	70	72	4	3	2	3	2	1	15	59	8.8
NEWARK WB AIRPORT	SSW	17	8.5	29++	SW	19	80	80	54	87	8	3	6	1	0	0	18	-	8.8
TRENTON WB CITY	-	-	7.9	22	S	24+	-	-	-	-	5	4	3	1	2	0	15	55	8.8

ø 12:00 Noon

See Reference Notes Following Station Index

DAILY PRECIPITATION

NEW JERSEY
JULY 1959

Station	Total	Day of month																													
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
ATLANTIC CITY WB AP	13.09	.12	T								6.46	T	.01	T	2.60	1.50	.04			.17	.86	T	.77	T	T	T		.50			.06	
ATLANTIC CITY R	15.69	1.45									5.44		.06		5.43	2.07	.04			.17	.23	.03	.70	.02	.01	.01					.02	
AUDUBON	5.93										.39	T	.19		2.43	.32				.71	.70	T	T		T					T	1.19
BASS RIVER ST FOREST	11.59	*									*	6.11	.07		*	2.63	.21			1.12	.51	.52				.10		.09		.23	
BELLEPLAIN	16.64	.42									6.41	2.02	.05		1.46	4.50	.10				.93	.72		.03							
BELVIDERE	3.76	T	.33								.01				.23	.27					2.30	T		.43	.17					.02	
BERNARDSVILLE 2 E	3.06	.01	.07	.02				.01				.04				.42	.34				.24	.79	T		.59	.40					.15	
BLACKWELLS MILLS	5.26											.25		.02		.46	.49				.30	.46			3.10	.04					.14	
BOONTON 2 SE	3.90	.02	.41					.21				T		.04		.15	.31				.19	.90			.72	.17					.78	
BOUND BROOK 1 W	4.61		.12									.10		T	.01	.64	.13				.24	1.23			2.14	T						
BRANCHVILLE	2.71		.32					.14				.06			.04	.33	T				1.22	.49			.11							
BURLINGTON	5.41	1.10								.06	.16	.34		.20	.93	.59	T				1.34	.23		.10	T					.22	.14
CANISTEAR RESERVOIR	2.29		.47					.22				T			.02	T	.08				.07	1.12			.13	.18					T	
CANOE BROOK	3.35		.38									.06			.16	.48	.29				.12	.71			.84	.31						
CANTON	6.30	1.28									.02	.90		.04	.88	.42	.01				.50	.95	.01	.37							.92	
CAPE MAY 3 W	10.52	.38									2.50	1.24	.03	.07	.87	2.39	.32				.58	.99		1.15							
CEDAR GROVE	3.33		.42									.05				.22	.43				.45	.71			.16	.84					.05	
CHARLOTTEBURG	3.66		.84					.02					T		T	.20	.26				.07	1.47	.01		.16	.15					.48	
CLAYTON	9.73	1.15									.82	.04	.03	.25	3.50	.56				.15	.95	.40		.42		.57					.89	
CLINTON	4.84		.52				.03								.21	1.32	.04			.06	.32	.15		.85	.18					.14	.72
ELIZABETH	6.25		.02				T				.01	.35	.02	.01	1.41	.47	.04			.35	.46	.33	.90	1.50	.30						.08	
ELIZABETHPORT	5.50										.24	.06	T		.35	.46	.01			.68	.60		.32	2.30	.08						.40	
ESSEX FELLS SERV BLDG	3.34		.57													.45					.52	.62			.21	.97						
FLEMINGTON 1 NE	6.81	T					T				T	T	.01		.43	1.85	.04			.15	.47	.45		.02	2.51	T				.71	.17
FORTESCUE	12.41	1.40									.95	4.42			.15	2.65	.49				1.64	.33		.19		.19						
FREEHOLD	8.60										.33	.86	.01		.72	.65	.09				1.68	.43	.13	.38	3.30					T	.02
GREENWOOD LAKE	3.08		.57					.09							.02	.10	.07				.11	1.67			.07	.09					.29	
HAMMONTON 2 NNE	9.35	.22									.21	3.18			.30	1.72	.45				1.53	.33		1.22		.04					.15
HIGH POINT PARK	3.67		.65					.36							.60	.04					.14	1.70	.17	.01							
HIGHTSTOWN 1 N	7.57	T	.03				T				.20	.44	T	.04	.75	1.44				.15	.88	.10	1.34	.38	1.14	T				.53	.15
INDIAN MILLS 2 W	7.19	.30					T				1.70	.86	T	.12	1.08	.31	.08			.47	.59	.09	T	.30	T	.07		T		.34	.88
IRVINGTON	4.29		.15								.28	.01		.06	.68	.47		.08		.12	1.91			.36	.15						.05	
JERSEY CITY	4.16		.03								.52	.07	.04		.35	.85	.03			.22	1.07			.39	.57						.02	
LAMBERTVILLE	3.71	.18					T						.12		.42	.83	T				.26	.48			1.08						.34	
LAUREL TON 1 E	18.24										2.87	.08		T	3.00	1.00	.15			.15	.83	T	.65	7.12	T	2.39						
LAYTON 3 NW	4.72		.40				.43				.04				.43	.02				.04	2.05	.36			.15					.06	.74
LITTLE FALLS 1 E	3.60	T	.43					.09				.03		.02	.01	.23	.24				.99	.82			.22	.52						
LONG BRANCH R	8.05						T				1.39	.11	T	.01	.79	1.09	.01			.46	2.44	T	.81	.92		T					.02
LONG VALLEY	5.10		.12				.03				.02				.15	.35	.03			.20	.78	.02			.30	.20					2.90	
MACOPIN INTAKE	4.66	T	1.00					.06				.01				.47	.15				.07	.92			.53	.32					1.13	
MAHWAH	5.29		.62					.01				.01				1.29	.07				.05	.98		T	.82	.04					1.40	
MANVILLE	5.66		.12								.24	.08	T		.50	.52	T				1.30		.02	2.35	.05						.20	
MAYS LANDING	12.86	.06									4.75	2.00	.04	.02	1.74	1.85	.08	T	.02	.40	1.00	.58		.15		.06				.04	.07
MIDLAND PARK	3.04		.39				.02				.01				.21	.29	.03			.07	.70			.40	.46						.46	
MILLVILLE	7.73	.02									3.68	.01			1.27	1.02	.02			.45	.89		.13		.01			.08			.15
MILTON	4.70	.02	.81					.34				.02				.12	.25				.20	2.40			.18	.25					.11	
MOORESTOWN	6.80	.87										.60	T	.20	.28	.86	.47				.94	.50		.50							1.50	
MORRIS PLAINS	3.31	T	.38	T				.30				.04		.18	T	.22	.28		T	T	.54	.57	T		.23	.29					.28	
NEWARK WB AIRPORT R	2.49		T				T				.28	.02	.01		.57	.43	T		T	.90	.42		.01	.32	.13	T					T	
NEW BRUNSWICK EXP STA	7.32	T					T					.40	T	.01	.90	.85	T				.93	.27		1.69						.02	2.25
NEW MILFORD	5.52		.66				.04				.24	.10			.12	.08				.12	.78			1.38	.10					1.90	
NEWTON	2.80	T	.66					.13				.01			.04	.02	.01				.02	.51			.26	1.14						
OAK RIDGE RESERVOIR	4.03		.64					.23				.02				.14	.26				.07	2.14			.16	.14					.23	
OLDWICK	4.09	.01	.37					.12				.02	T	T	.01	.33	.32				.21	.55			2.13	T				T	.02	
ORANGE	5.62		.32												.43	.81					.25	1.30	.28	.42	1.29			.52				
PATERSON	3.21	T	.41					.22				.02		.01	.01	.37	.10				.37	1.14			.31	.25						
PEMBERTON 3 E	7.52	.73									.53	1.28	.01	.49	.74	.82	.16				1.31	.34		.15	.12					.35	.49
PHILLIPSBURG	3.64	T	.08				.14								.09	1.30				.78	.40			.60						.25	
PHILLIPSBURG BRIDGE	3.96		.14					.06							*	*	1.31			T	.44	.55			.56	.23					.67	
PLAINFIELD	3.68		.12				T				.37		T		.45	.77			T	.31	.90		.32	.37	.02	T				T	.05
PRINCETON WATER WORKS	5.05										.31		.04	.04	.50	.71				1.34	.57			1.20						.03	.31
RAHWAY	4.63		T								.19	.03			.30	.73	.07			.30	.46		.82	1.45	.09						.19
RIDGEFIELD	3.02		.14				.02				.26	.10	T		.42	.21	T			.19	.70		.70	.15	.12						.01
RINGWOOD	4.22		.82	T				.17							T	.10	.05				.04	.98		T	.42	.05					1.59
SANDY HOOK LBSTA		RECORD MISSING																													
SHILOH	7.70	1.41									1.02	.33	.02	T	2.26	.42	.03				1.13	.32	.03	.08		.05		.02			.58
SOMERVILLE	6.34										T				.51	.37	.04			.15	.90	.30	.05	1.68	1.99					.03	.32
SPLIT ROCK POND	6.46	.01	.91					.01								1.46					.84	.57			.52	.11					2.83	
SUSSEX 3N //	3.51		.33					.09				.30		T	.70	.03	.13				.54	1.18		.02	.05	.14						
TOMS RIVER	13.01	.03									1.05	3.25			1.25	1.17	.64	.56	.02	.04	.58	.45	.10	.05	2.35	1.00		.06	.07	T	T	.34
TRENTON WB CITY R	5.11	T					T				.38		.05		.76	1.83				.47	1.04		T	.47	.01	T		T		.05	.05
TUCKERTON	7.10	.40									2.30				2.30	1.60	.20						.30									
WANAQUE RAYMOND DAM	4.36		.64					.08								.82	.14				.05	.57		.59	.24	.14					1.09	
WERTSVILLE	5.73		T										.08	.09	.11	1.37	.02	T			.39	1.01	.01		1.12	.03	T	T			1.50	
WESTFIELD	5.39		.12								.21	.05			.72	.93				.18	2.17		.22	.53	.05			.16			.05	
WEST WHARTON	3.92	T	.67					T								.84	1.08				.07	.72			.26						.28	
WOODCLIFF LAKE	3.46		.25				.38				.04	.03	.04		.35	.28	.02			.08	.50			.63	.44						.45	
WOODSTOWN	7.14	.11					T				.25	.22	.02	1.00	1.35	.15	.09				2.40	.80		.03		T		.30			.42	

See Reference Notes Following Station Index

DAILY TEMPERATURES

NEW JERSEY
JULY 1959

Station		Day Of Month																													Average
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
ATLANTIC CITY WB AP	MAX	76	90	80	83	79	84	83	83	83	75	86	76	81	73	71	72	81	80	89	84	84	85	89	91	84	85	85	88	91	86	85	82.6
	MIN	68	69	62	58	59	65	61	56	58	68	66	69	68	66	67	67	62	63	72	71	73	72	72	72	68	64	68	68	70	71	73	66.6
ATLANTIC CITY	MAX	78	88	77	76	75	78	80	77	76	75	78	73	76	73	71	72	75	75	82	78	78	78	82	84	85	80	80	87	87	81	80	78.5
	MIN	70	69	62	66	67	70	63	63	64	68	67	71	71	66	68	68	64	69	73	72	73	69	70	72	68	65	72	72	72	75	75	68.8
AUDUBON	MAX	84	89	85	89	86	85	85	90	92	79	91	78	86	75	77	79	85	87	91	86	88	90	91	94	86	88	87	91	95	91	88	86.7
	MIN	68	67	61	57	59	62	54	47	59	68	66	69	67	67	66	66	63	64	72	71	71	72	73	75	68	60	69	66	68	72	73	65.8
BELLEPLAIN	MAX	93	89	88	87	86	86	82	83	88	87	83	80	82	80	72	72	80	82	88	85	85	86	88	89	84	82	83	88	94	88	88	84.8
	MIN	70	69	60	59	51	60	55	51	51	67	66	68	68	65	66	67	62	61	73	70	70	72	73	77	74	62	69	68	68	69	72	65.6
BELVIDERE	MAX	86	87	85	86	84	78	81	86	87	82	87	85	83	81	72	80	87	83	88	81	87	86	89	87	82	84	85	89	92	88	88	84.7
	MIN	66	64	54	52	55	60	53	50	54	65	63	65	67	64	63	65	64	60	71	68	70	70	68	69	70	56	60	62	64	70	72	63.0
BOONTON 2 SE	MAX	91	80	85	82	85	82	80	79	85	86	82	88	79	85	75	74	79	85	83	86	79	86	87	90	86	82	85	87	91	94	85	84.0
	MIN	67	63	54	52	54	59	54	51	53	60	68	66	69	69	64	64	59	60	65	70	70	70	68	69	71	56	60	61	63	66	71	62.8
BURLINGTON	MAX	94	90	86	89	88	87	86	90	92	90	89	84	85	78	75	78	85	87	92	85	87	87	92	94	80	88	88	92	94	90	88	87.4
	MIN	70	66	62	62	60	62	55	44	55	66	66	70	67	68	66	67	63	65	71	61	70	74	70	72	74	62	68	69	68	73	72	65.7
CANOE BROOK	MAX	91	79	75	84	85	83	84	80	85	88	80	84	88	85	72	73	75	87	85	90	82	88	87	89	88	82	85	86	90	90	85	84.0
	MIN	68	65	57	53	55	60	54	50	54	67	66	68	68	70	65	66	60	64	68	70	71	72	69	70	72	55	61	62	65	69	74	64.1
CAPE MAY 3 W	MAX	85	88	86	82	80	82	82	82	82	80	82	75	78	77	74	75	77	79	88	85	82		85	88	84		82	88	89	85	83	82.2
	MIN	73	73	66	65	67	68	67	61	61	69	69	69	69	68	67	68	64	68	73	71	71		70	71	71		68	72	70	71	70	68.6
CHARLOTTEBURG	MAX	88	77	83	80	81	80	79	77	81	84	80	87	78	85	75	70	74	83	81	88	78	86	87	88	85	79	83	85	88	89	83	82.0
	MIN	65	61	54	46	49	54	54	44	47	56	65	62	66	65	62	62	54	59	58	68	69	66	64	67	71	50	55	58	58	60	69	59.3
CLAYTON	MAX	96	89	87	84	85	82	85	86	87	78	85	77	83	79	76	75	77	84	89	85	84	86	88	90	84	85	83	90	91	89	86	84.7
	MIN	69	68	61	62	59	62	60	54	58	69	66	69	68	66	66	66	66	68	69	71	68	72	72	76	72	62	69	67	69	72	72	66.7
ELIZABETH	MAX	86	88	86	88	85	85	83	88	91	88	90	85	85	80	71	74	87	85	91	80	87	84	89	94	83	86	88	91	90	84	87	85.8
	MIN	67	65	59	59	59	66	57	55	57	71	65	69	68	68	66	66	61	65	71	71	70	76	69	70	72	59	65	65	68	73	75	66.0
ESSEX FELLS SERV BLDG	MAX	95	84	85	90	82	80	81	84	89	90	81	83	84	79	78	80	83	89	84	83	84	88	87	85	86	87	85	87	88	89	90	85.2
	MIN	64	64	65	68	64	65	68	65	66	68	66	65	67	68	64	66	68	67	69	65	68	67	66	65	66	55	62	62	68	69	65	65.6
FLEMINGTON 1 NE	MAX	92	87	85	89	85	83	83	89	92	84	93	81	89	87	75	81	88	87	91	89	91	89	89	90	83	88	89	95	96	88	89	87.6
	MIN	68	64	51	49	51	57	52	47	50	65	66	69	68	68	65	66	59	60	72	69	70	72	66	68	72	53	62	61	63	73	74	62.9
FREEHOLD	MAX	92	88	83	85	83	83	83	88	91	84	87	84	83	78	74	74	85	84	90	85	85	88	87	91	84	85	86	90	90	86	86	85.2
	MIN	69	64	57	61	53	63	57	53	56	71	65	67	68	67	64	64	62	62	69	70	69	72	69	68	71	58	64	66	67	72	73	64.9
HAMMONTON 2 NNE	MAX	97	98	89	83	89	86	84	85	89	90	72	88	77	86	72	76	75	84	85	90	86	85	88	90	92	83	87	86	90	94	88	85.9
	MIN	79	98	66	59	56	56	58	60	51	55	66	63	67	66	68	64	64	60	62	68	68	69	70	69	73	71	60	67	66	67	69	65.2
HIGH POINT PARK	MAX	86	83	76	81	79	77	74	75	80	86	82	88	88	88	77	71	78	81	83	87	77	85	85	87	84	75	83	84	89	87	81	81.8
	MIN	61	59	49	55	58	58	50	52	58	65	62	63	63	62	59	56	58	60	67	63	66	67	65	65	65	51	59	60	64	66	67	60.4
HIGHTSTOWN 1 N	MAX	86	89	85	88	86	85	85	89	92	83	90	77	86	75	73	74	86	85	91	83	86	86	90	90	83	86	87	90	93	85	88	85.5
	MIN	68	64	57	54	58	61	56	51	56	69	65	69	67	67	65	66	59	64	70	71	70	72	69	70	71	58	65	65	65	73	73	64.8
INDIAN MILLS 2 W	MAX	80	89	85	86	82	84	85	88	89	78	86	77	83	74	76	77	84	84	90	85	85	88	89	92	83	87	88	93	97	88	87	85.1
	MIN	68	66	53	50	51	58	53	44	48	67	65	67	65	66	65	65	60	63	70	70	70	70	71	73	72	54	65	63	63	66	72	63.0
JERSEY CITY	MAX	79	87	84	79	75	77	80	79	79	75	88	75	77	72	70	71	80	77	87	77	83	82	83	90	82	82	84	88	84	80	80	80.2
	MIN	64	65	60	62	65	68	62	60	63	68	66	70	70	68	66	66	64	66	71	70	70	71	71	72	70	66	69	69	70	70	73	67.3
LAMBERTVILLE	MAX	94	88	84	89	87	83	83	87	89	88	92	84	87	85	75	80	86	86	90	85	87	88	88	90	85	87	87	92	94	92	88	87.1
	MIN	69	65	55	52	55	63	55	50	54	70	65	70	70	69	65	67	62	63	73	71	71	73	70	70	72	56	64	63	65	73	73	64.9
LAURELTON 1 E	MAX	72	92	85	83	80	82	88	85	84	74	88	76	81	71	71	73	81	81	93	82	86	87	86	93	85	84	85	88	88	79	84	82.8
	MIN	69	63	56	53	56	63	54	49	55	66	65	68	67	66	66	66	63	63	70	70	70	71	70	70	62	57	66	65	65	74	72	64.2
LAYTON 3 NW	MAX	80	83	80	84	85	82	82	85	80	84	81	83	87	82	78	84	87	84	87	80	87	86	82	86	83	90	85	93	93	83	84	84.2
	MIN	64	63	48	46	55	53	50	44	50	60	61	60	62	63	62	61	61	57	70	70	68	65	64	68	68	62	57	53	63	64	70	60.1
LITTLE FALLS 1 E	MAX	95	80	88	86	88	84	83	83	87	90	83	91	81	87	75	76	81	90	86	90	83	90	89	92	89	84	88	89	94	92	88	86.5
	MIN	71	64	56	55	57	62	56	53	57	67	66	69	68	68	63	66	60	63	67	70	69	73	70	70	73	58	62	63	66	68	73	64.6
LONG BRANCH	MAX	75	90	80	79	78	80	83	83	80	75	87	77	81	72	71	73	80	79	94	80	88	86	85	95	83	80	85	88	85	81	84	81.8
	MIN	65	64	60	61	61	65	61	57	60	67	67	68	68	67	66	66	63	64	72	69	70	70	69	71	65	60	68	68	68	73	73	66.0
LONG VALLEY	MAX	83	85	81	83	83	79	78	85	87	80	88	83	87	82	72	74	87	83	86	80	87	87	89	86	81	87	86	90	93	89	88	84.2
	MIN	63	63	53	48	49	54	55	47	48	60	66	67	68	66	62	64	58	60	69	66	68	66	65	66	66	54	58	60	61	69	71	61.0
MILLVILLE	MAX	99	83	90	85	85	82	86	86	85	85	74	87	77	83	75	76	75	84	84	89	87	86	87	89	92	86	86	87	92	94	90	85.4
	MIN	69	69	61	57	58	65	62	57	58	66	67	69	68	71	66	67	64	65	72	71	72	72	73	76	74	64	70	67	69	71	74	67.2
MOORESTOWN	MAX	80	87	84	88	84	84	84	87	90	77	89	78	84	72	76	78	84	84	90	83	85	88	89	92	85	89	87	91	94	90	87	85.2
	MIN	68	66	58	55	58	62	58	51	58	67	65	69	67	66	66	62	62	70	70	70	71	72	71	73	62	58	69	65	66	70	72	65.1
MORRIS PLAINS	MAX	94	79	86	85	86	82	80	81	88	88	80	89	78	86	71	72	77	87	83	88	80	86	88	90	85	83	86	87	93	91	84	84.3
	MIN	68	63	54	53	52	60	54	52	52	65	67	66	68	69	64	64	58	63	67	69	70	70	68	69	71	57	60	60	62	68	71	63.0
NEWARK WB AIRPORT	MAX	82	90	85	85	82	82	84	86	89	81	93	81	84	74	73	76	87	84	93	80	90	87	89	92	84	89	90	92	90	85	87	85.4
	MIN	66	66	62	63	63	68	63	62	62	69	68	72	70	68	67	67	64	67	72	71	71	74	72	72	68	62	69	70	73	73	75	68.0
NEW BRUNSWICK EXP STA	MAX	74	88	87	84	83	84	82	86	89	89	89	86	84	83	72	73	85	84	89	85	85	87	87	90	84	85	86	90	92	85	86	84.9
	MIN	65	63	58	57	58	62	57	53	55	70	65	68	66	67	65	65	60	64	69	70	69	72	68	69	71	58	64	64	65	71	72	64.5
NEWTON	MAX	91	81	83	82	84	84	79	79	85	89	82	89	82	88	75	70	81	88	85	90	80	88	87	90	88	81	86	84	88	91	89	84.5
	MIN	65	62	51	46	49	57	48	45	49	64	65	62	66	63	63	64	58	54	63	70	70	67	65	69	70	58	56	57	60	66	70	60.4
PATERSON	MAX	94	80	89	85	86	84	83	83	88	90	82	90	81	85	74	73	76	90	87	92	81	90	90	91	92	85	88	90	93	92	85	86.1
	MIN	69	61	56	57	59	63	58	55	58	70	65	70	69	69	64	64	61	63	67	69	69	72	70	69	72	59	64	65	62	68	70	64.7
PEMBERTON 3 E	MAX	96	88	85	87	82	83	86	87	90	86	88	78	81	76	77	75	85	85	90	90	85	88	90	92	87	87	89	91	94	88	86	86.2
	MIN	68	65	55	53	53	60	55	48	51	68	64	62	67	67	65	65	59	62	70	72	70	70	70	71	70	56	64	66	65	69	72	63.6
PHILLIPSBURG	MAX	94	85	85	87	86	87	80	87	89	90	92	91	88	89	78	82	89	87	88	84	90	89	91	87	84	86	87	92	97	94	90	87.9
	MIN	69	64	54	48	54	61	56	51	54	69	65	68	69	66	64	65	67	63	73	66	70	71	68	68	64	55	58	62	60	60	64	62.8
PLAINFIELD	MAX	86	88	86	87	85	85	84	88	91	81	91	78	86	83	73	76	88	86	91	80	87	85	89	90	85	87	88	91	94	85	89	85.9
	MIN	72	64	57	57	55	62	55	53	55	71	65	70	68	71	66	64	60	66	70	71	70	74	70	70	71	56	64	64	66	73	74	65.3
RIDGEFIELD	MAX	80	87	85	87	85	86	82	81	90	80	89	78	87	74	72	75	87	85	93	81	88	86	90	90	82	86	88	92	93	86	90	85.0
	MIN	67	64	58	57	62	64	58	56	60	69	66	71	70	67	67	65	65	67	71	72	71	71	70	72	64	59	65	66	69	71	76	66.1
SANDY HOOK LBSTA	MAX																																
	MIN																																
SMILOH	MAX	96	88	86	83	81	82	84	84	85	78	85	77	83	81	79	79	82	82	83	83	84	86	88	90	85	84	84	90	92	89	85	84.5
	MIN	67	69	60	60	59	63	60	57	60	68	66	75	68	66	65	66	62	65	68	71	71	72	73	75	73	63	70	63	69	70	70	66.6

See Reference Notes Following Station Index

DAILY TEMPERATURES

CONTINUED

Station		Day Of Month																													Average
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
SOMERVILLE	MAX	87	84	85	87	86	85	82	88	91	87	93	85	87	85	75	80	88	86	91	83	88	88	88	90	84	86	86	91	92	85	89	86.5
	MIN	71	64	66	54	53	52	54	53	53	68	65	63	69	70	65	64	60	64	71	71	71	73	69	69	71	56	62	62	65	73	74	64.4
SUSSEX 3 N	MAX	88	82	80	81	84	82	79	77	84	88	83	89	82	88	77	70	83	86	83	90	80	87	86	89	87	77	86	85	91	94	85	84.0
	MIN	64	63	52	50	53	56	52	48	51	58	65	64	66	63	63	62	61	60	60	70	69	69	68	69	69	52	54	59	59	64	65	60.6
TRENTON WB CITY	MAX	76	87	84	86	83	82	83	86	88	77	88	78	85	73	74	75	85	84	89	83	85	87	89	92	84	87	87	92	93	87	86	84.4
	MIN	65	65	63	63	64	64	62	61	62	68	66	71	70	67	66	66	65	67	71	71	72	74	72	74	67	63	71	70	70	73	74	67.6
TUCKERTON	MAX	89	90	88	84	80	85	82	82	84	83	88	79	80	78	71	72	78	80	90	85	84	84	85	91	85	85	86	87	90	85	85	83.7
	MIN	68	67	56	52	52	58	55	48	48	66	68	69	68	64	66	66	61	64	71	70	71	72	69	73	73	62	68	67	64	68	72	64.4
WOODSTOWN	MAX	97	90	85	86	83	84	87	88	88	85	88	80	83	85	78	78	82	84	91	86	86	88	90	92	86	87	86	91	93	91	88	86.6
	MIN	70	68	58	54	55	63	58	52	56	69	66	69	66	67	64	66	63	64	72	70	71	71	73	75	74	61	69	64	68	70	72	65.7

EVAPORATION AND WIND

Station		Day of month																													Total or Avg.
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
ATLANTIC CITY WB AIRPORT	EVAP	.12	.25	.39	.31	.31	.18	*	.56	.51	-	-	.03	.10	-	-	-	.21	.24	.27	*	*	.44	.23	.26	.27	.27	.18	.24	.34	.11	.28	87.27
	WIND	69	77	120	73	77	57	*	*	235	57	100	100	46	54	*	91	50	78	101	91	39	58	42	68	70	53	39	21	40	42	110	2058
	MAX	89	94	90	90	88	90	-	91	92	85	92	88	86	82	-	76	89	89	95	89	87	89	87	98	91	93	87	94	98	89	93	89.8
	MIN	73	73	61	60	62	67	-	61	61	70	67	70	70	68	-	68	66	87	73	73	73	74	73	75	74	88	71	73	74	74	74	89.3
CANOE BROOK	EVAP	.25	.24	.20	.35	.08	.22	.15	.24	.20	.21	.06	.17	.10	.15	.04	.03	.07	.17	.13	.15	.07	.20	.13	.15	.14	.18	.20	.13	.20	.20	.11	4.92
	WIND	34	39	40	19	10	38	27	24	23	25	35	15	14	17	5	15	26	11	42	5	17	26	19	12	11	43	8	8	18	9	30	881

DAILY SOIL TEMPERATURES

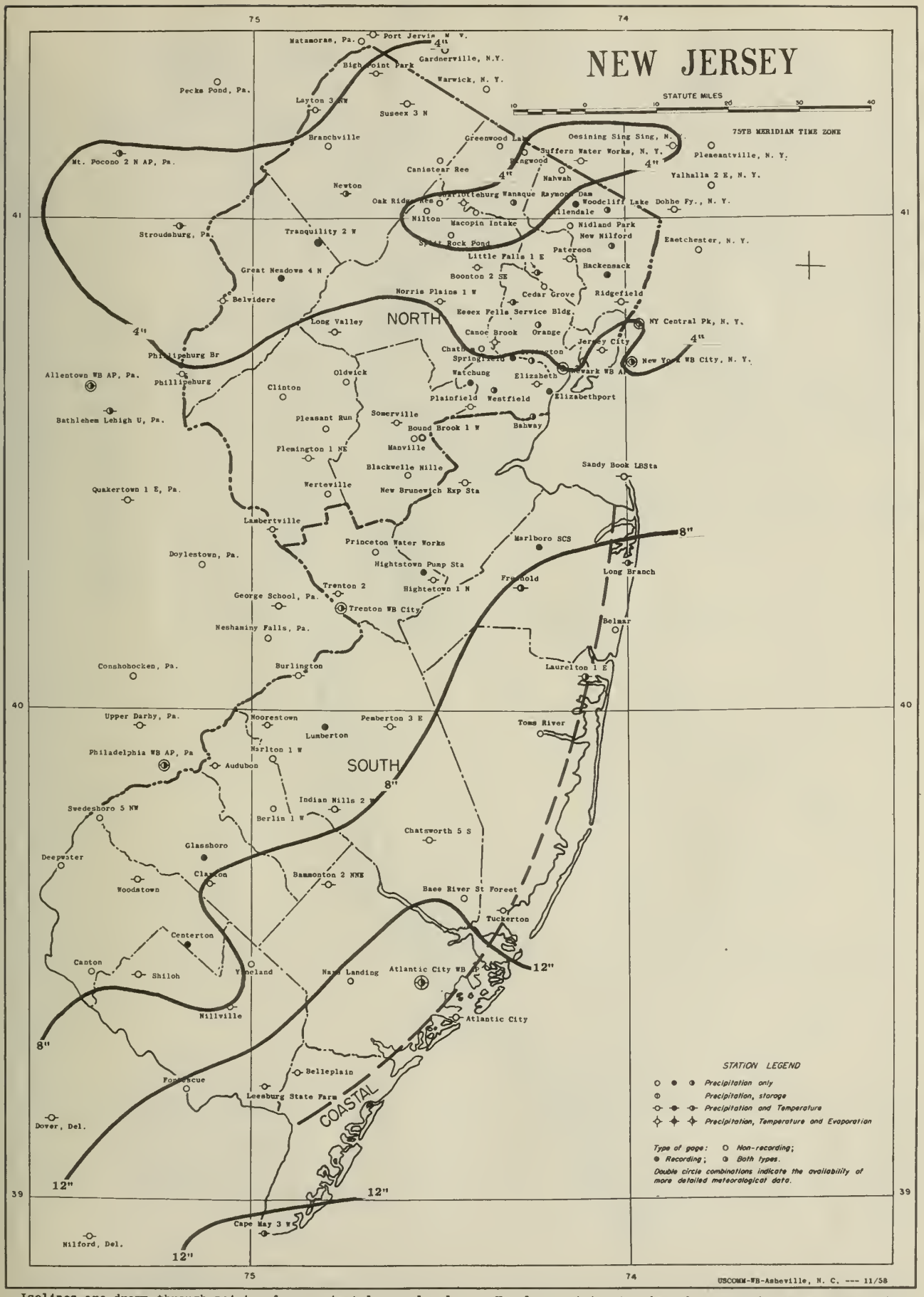
Station And Depth		Day of month																													Average
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
NEW BRUNSWICK EXP STATION																															
MEASURED UNDER SOD																															
1 INCH	MAX	83	85	89	90	90	86	90	92	93	80	87	76	83	73	71	72	84	82	84	78	81	80	86	86	81	86	84	87	87	80	84	83.6
	MIN	69	69	64	63	64	66	64	62	63	69	68	71	69	70	68	56	66	70	72	72	72	73	72	72	70	70	70	70	71	74	74	68.4
2 INCHES	MAX	81	85	88	89	88	86	89	91	93	78	87	76	83	73	71	72	83	82	83	77	81	80	83	84	80	84	82	85	85	79	82	82.6
	MIN	70	69	63	64	65	67	65	63	64	70	68	71	70	70	69	56	67	70	72	72	72	73	72	72	71	70	70	71	72	74	74	68.9
4 INCHES	MAX	75	76	77	76	77	76	77	78	79	74	79	74	77	73	70	71	76	76	77	75	79	78	81	81	78	81	80	82	82	77	80	77.1
	MIN	71	70	67	67	68	69	68	67	68	70	69	71	70	70	69	58	68	70	72	72	72	73	72	72	72	70	71	71	72	74	74	69.8
8 INCHES	MAX	75	73	72	73	73	73	74	74	74	72	75	72	74	74	71	70	73	73	74	74	75	76	76	76	76	77	76	78	78	76	76	74.2
	MIN	72	70	69	68	69	70	69	68	69	71	69	71	70	71	69	69	68	71	72	72	72	73	73	73	75	71	72	73	73	74	74	71.0
12 INCHES	MAX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	72	73	73	73	74	73	73	74	74	74	74	-
	MIN	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	71	72	72	72	73	72	72	73	73	73	73	-
16 INCHES	MAX	71	70	70	70	69	69	69	69	70	70	70	70	70	70	70	69	70	70	71	71	72	72	72	72	73	72	72	73	73	73	74	70.8
	MIN	70	69	68	68	68	68	68	68	68	69	69	69	69	70	69	68	68	70	70	70	71	71	71	71	72	71	71	72	73	73	73	69.8
32 INCHES	MAX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	MIN	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Measured under Kentucky Bluegrass. Instrumentation: Copper-constantan Thermocouples connected to a Brown Electronik Potentiometer.

See Reference Notes Following Station Index

TOTAL PRECIPITATION

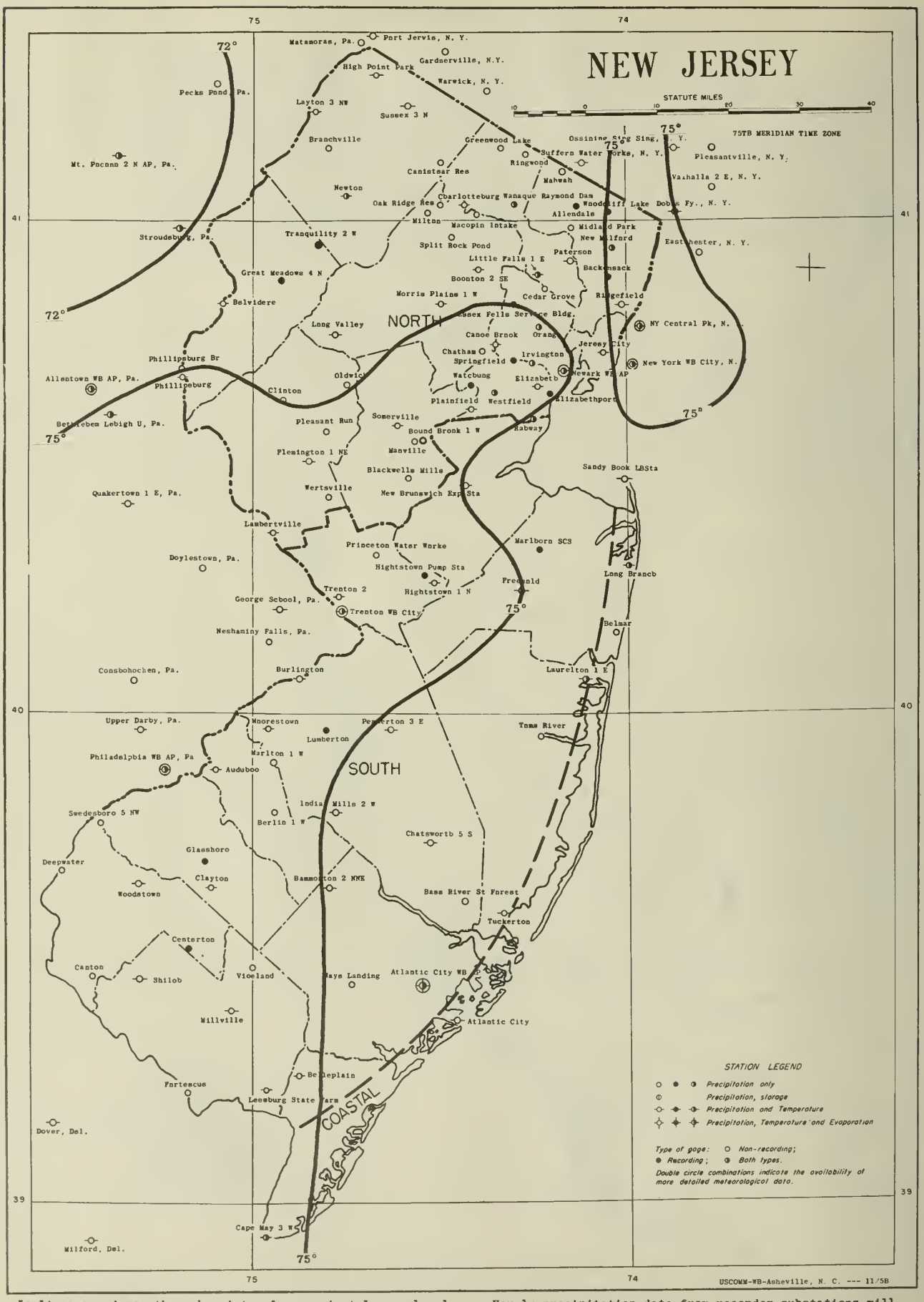
NEW JERSEY
JULY 1959



USCOMM-WB-Asheville, N. C. --- 11/58

Isolines are drawn through points of approximately equal values. Hourly precipitation data from recorder substations will be available in the publication "Hourly Precipitation Data".

AVERAGE TEMPERATURE



USCOMM-WB-Asheville, N. C. --- 11/58

Isolines are drawn through points of approximately equal values. Hourly precipitation data from recorder substations will be available in the publication "Hourly Precipitation Data".

STATION INDEX

STATION	INDEX NO.	COUNTY	DRAINAGE ‡	LATITUDE	LONGITUDE	ELEVATION	OBSERVATION TIME AND TABLES				OBSERVER
							TEMP.	PRECIP.	EVAP.	SPECIAL (SEE NOTES)	
ALLENDALE	0100	BERGEN	8	41 02	74 08	270				C	BERGEN COUNTY ENGINEERS
ATLANTIC CITY WB AP	0311	ATLANTIC	1	39 27	74 35	58	MID	MID	7P	C HJ	U.S. WEATHER BUREAU
# ATLANTIC CITY	0325	ATLANTIC	1	39 23	74 26	10	MID	MID		H	STATE MARINA
AUDUBON	0346	CAMDEN	2	39 54	75 04	50	11P	11P			IRVIN J. NYGREN
BASS RIVER ST FOREST	0528	BURLINGTON	1	39 37	74 26	20		6P		H	N.J. FORESTRY SERVICE
BELLEPLAIN	0690	CAPE MAY	1	39 16	74 52	49	5P	5P			MR5. ED C. HOFFMAM
BELMAR	0721	MONMOUTH	1	40 10	74 02	19					INACTIVE 1/58
BELVIDERE	0729	WARREN	2	40 50	75 05	275	5P	5P		H	CLEMENT HAUPT
BERNARDSVILLE 2 E	0797	SOMERSET	8	40 43	74 32	240		7A			BERNARDS WATER COMPANY
BLACKWELLS MILLS	0847	SOMERSET	10	40 29	74 35	27		7A			HENRY M. MILLER
BOONTON 2 SE	0907	MORRIS	8	40 54	74 24	280	8A	8A			JERSEY CITY WATER WORKS
BOUND BROOK 1 W	0927	SOMERSET	10	40 33	74 33	20		8A			AMERICAN CYANAMID CO.
BRANCHVILLE	0978	SUSSEX	2	41 09	74 45	570		7A			ALBERT M. DAVENPORT
BURLINGTON	1211	BURLINGTON	2	40 04	74 53	12	6P	6P			PUBLIC SVC. E. + G. CO.
CANISTEAR RESERVOIR	1327	SUSSEX	8	41 07	74 30	1040		8A			NEWARK WATER DEPARTMENT
CANDE BROOK	1335	ESSEX	8	40 45	74 21	180	9A	9A	9A		COMMONWEALTH WATER CO.
CANTON	1343	SALEM	2	39 28	75 25	20		9A			GERTRUDE S. WILLIS
CAPE MAY 3 W	1351	CAPE MAY	1	38 56	74 57	17	5P	5P		C	N.WEST MAGNESITE CO.
CEDAR GROVE	1472	ESSEX	8	40 52	74 13	400		8A			J. A. PLUMKETT
CENTERTON	1512	SALEM	6	39 31	75 10	80				C	JOHN HOPKINS UMI.
CHARLOTTEBURG	1582	PASSAIC	8	41 03	74 26	760	7A	7A		H	NEWARK WATER DEPT.
CHATHAM	1590	MORRIS	8	40 44	74 23	185		8A			EDWARD P. MOLITON
CHATSWORTH 5 S	1598	BURLINGTON	1	39 44	74 32	90	5P	5P			INACTIVE 5/58
CLAYTON	1708	GLOUCESTER	6	39 39	75 06	120	6P	6P		H	HARRY P. CAMPBELL
CLINTON	1749	HUNTERDON	10	40 38	74 55	300		6P			L. W. KLOCKNER
ELIZABETH	2644	UNION	1	40 40	74 14	33	5P	5P			UNION CO. PARK COMM.
ELIZABETHPORT	2652	UNION	8	40 39	74 12	30		MID		C	SEWAGE TREATMENT PLANT
ESSEX FELLS SERV BLDG	2768	ESSEX	8	40 50	74 18	250	8A	8A		C	BOROUGH ESSEX FELLS
FLEMINGTON 1 ME	3029	HUNTERDON	10	40 31	74 51	134	5P	5P		H	DONALD YOUNG
FORTESCUE	3102	CUMBERLAND	2	39 14	75 10	5		7A			JOHN LOPER
FREEHOLD	3181	MONMOUTH	10	40 15	74 17	194	6P	6P		C H	FRANK J. MOREAU
GLASSBORO	3291	GLOUCESTER	2	39 42	75 07	150				C	PROF. J. B. SAMGREE
GREAT MEADOWS 4 N	3416	WARREN	2	40 56	74 55	540				C	GAMMA CHEMICAL CORP.
GREENWOOD LAKE	3516	PASSAIC	8	41 09	74 20	660		7A			GEORGE T. WIGGINS
HACKENSACK	3572	BERGEN	4	40 53	74 03	10				C	BERGEN COUNTY ENGINEERS
HAMMONTON 2 NNE	3662	ATLANTIC	7	39 39	74 48	85	8A	8A			W. HUBBARD PARKHURST
HIGH POINT PARK	3935	SUSSEX	2	41 18	74 40	1570	8A	8A			N. J. DEPT.OF CONS.
HIGHTSTOWN 1 N	3951	MERCER	10	40 16	74 31	100	8P	8P		H	JAMES R. PICKERING
HIGHTSTOWN PUMPING STA	3956	MERCER	10	40 17	74 32	75				C	DEPT. WATER + SEWAGE
INDIAN MILLS 2 W	4229	BURLINGTON	7	39 48	74 47	100	7P	7P		H	EDWARD EMTWISTLE
IRVINGTON	4260	ESSEX	1	40 43	74 15	120		MID		C	JOINT MEETING GARAGE
JERSEY CITY	4339	HUDSON	1	40 44	74 04	135	M+D	MID			JERSEY CITY WATER DEPT.
LAMBERTVILLE	4635	HUNTERDON	2	40 22	74 57	75	6P	6P		H	E. E. CASE
LAURELTON 1 E	4700	OCEAN	1	40 04	74 07	20	MID	MID		C H	GEORGE G. WADDILL
LAYTON 3 NW	4735	SUSSEX	2	41 15	74 51	480	6P	6P		H	A. M. DEPUE
LITTLE FALLS 1 E	4887	PASSAIC	8	40 53	74 14	157	9A	9A		C H	PASSAIC VLY. WTR. COMM.
LONG BRANCH	4987	MONMOUTH	1	40 18	73 59	34	MID	MID		C HJ	WILLIAM D. MARTIN. JR.
LONG VALLEY	5003	MORRIS	10	40 48	74 46	660	6P	6P		H	ARTHUR BARKMAN
LUMBERTON	5055	BURLINGTON	2	39 58	74 48	25				C	JAMES LAWTON
MACOPIN INTAKE	5071	PASSAIC	8	41 01	74 24	584		9A			NEWARK WATER DEPT.
MAHWAH	5104	BERGEN	8	41 06	74 10	253		7A			ROBERT G. GLASGOW
MANVILLE	5197	SOMERSET	10	40 33	74 34	50		MID			JOHN L. RADCLIFFE
MARLBORO SCS	5244	MONMOUTH	1	40 20	74 14	120				C	GEROW BRILL
MAYS LANDING	5346	ATLANTIC	3	39 27	74 44	50		5P		H	ELMER EARLE
MIDLAND PARK	5503	BERGEN	1	40 59	74 09	210		MID			RIDGEWOOD WATER CO.

STATION	INDEX NO.	COUNTY	DRAINAGE ‡	LATITUDE	LONGITUDE	ELEVATION	OBSERVATION TIME AND TABLES				OBSERVER
							TEMP.	PRECIP.	EVAP.	SPECIAL (SEE NOTES)	
MILLVILLE	5576	CUMBERLAND	6	39 24	75 03	60	8A	8A		C H	L. J. GALLAHER
MILTON	5597	MORRIS	8	41 01	74 32	950		7A			JERSEY CITY WATER WKS.
MOORESTOWN	5728	BURLINGTON	2	39 58	74 58	55	MID	8A		H	M. J. WILLARD
MORRIS PLAINS	5769	MORRIS	8	40 50	74 30	500	8A	8A		H	JAMES C. LOMG
NEWARK WB AIRPORT	6026	ESSEX	1	40 42	74 10	11	MID	MID		C HJ	U.S. WEATHER BUREAU
NEW BRUNSWICK EXP STA	6062	MIDDLESEX	10	40 28	74 26	80	5P	5P		GH	ARTHUR H. AHLDUIST
NEW MILFORD	6146	BERGEN	4	40 57	74 02	12		MID		C	HACKENSACK WATER CO.
NEWTON	6177	SUSSEX	2	41 03	74 45	565	8A	8A		C H	NEWTOM WTR. + SWR.COMM.
OAK RIDGE RESERVOIR	6460	PASSAIC	8	41 02	74 30	870		8A			NEWARK WATER DEPT.
OLDWICK	6544	HUNTERDON	10	40 40	74 45	260		8A			DAN A. COUGHLIN
ORANGE	6560	ESSEX	8	40 47	74 14	140		MID		C	COUNTY ENGINEER
PATERSON	6775	PASSAIC	8	40 55	74 09	100	8A	8A		H	P. J. DEL VECCHID
PEMBERTON 3 E	6843	BURLINGTON	2	39 58	74 38	60	5P	5P		H	CHARLES A. DOEHLERT
PHILLIPSBURG	6974	WARREN	2	40 41	75 12	182	3P	3P		H	SEWAGE DISPOSAL PLANT
PHILLIPSBURG BRIDGE	6979	WARREN	2	40 42	75 12	196		9A			JOINT TOLL BRIDGE COMM.
PLAINFIELD	7079	UNION	10	40 36	74 25	120	8P	8P		H	MR5 VIVIAN SCHERER
PRINCETON WATER WORKS	7328	MERCER	10	40 19	74 40	90		MID			PRINCETON WATER CO.
RAHWAY	7393	UNION	9	40 36	74 15	20		MID		C H	RAHWAY VLY. SWG. AUTH.
RIDGEFIELD	7545	BERGEN	4	40 50	74 01	80	MID	MID		H	GEORGE P. KIRSTEN
RINGWOOD	7587	PASSAIC	8	41 08	74 16	305		10A			MD. JERSEY WTR. SUPPLY
SANDY HOOK LBSTA	7869	MONMOUTH	1	40 28	74 01	22	7P	7P			U.S. COAST GUARD
SHILOH	8051	CUMBERLAND	2	39 28	75 18	120	5P	5P			EVERETT DICKINSON
SOMERVILLE	8194	SOMERSET	10	40 34	74 37	75	6P	6P		H	W. E. MAYER
SPLIT ROCK POND	8402	MORRIS	8	40 58	74 28	800		10A			JERSEY CITY D. P. W.
SPRINGFIELD	8423	UNION	1	40 43	74 18	-				C	N. J. DEPT.OF CONS.
SUSSEX 3 N	8644	SUSSEX	5	41 14	74 35	530	7A	7A			BRICE B. STANTON
TOMS RIVER	8816	OCEAN	1	39 57	74 14	10		5P			ROBERT F. SNYDER
TRANQUILITY 2 W	8858	WARREN	2	40 57	74 50	551				C	H. J. ERVEY
# TRENTON WB CITY	8883	MERCER	2	40 13	74 46	56	MID	MID		C HJ	U.S. WEATHER BUREAU
TUCKERTOM	8899	OCEAM	1	39 36	74 20	10					INACTIVE 2/59
WANAQUE RAYMOND DAM	9187	PASSAIC	8	41 03	74 18	320		8A		C H	WATER SUPPLY COMM.
WATCHUNG	9271	UMION	8	40 40	74 25	-				C	BONNIE BURN SANITARIUM
WERTSVILLE	9363	HUNTEROON	10	40 27	74 48	160		7A			ROBERT M. MANNERS
# WESTFIELD	9455	UNIDM	9	40 39	74 21	138		5P		C	CITY ENGIMEER
WEST WHARTON	9608	MORRIS	8	40 54	74 36	680		7A			N.J. PDWER + LIGHT CO.
WOODCLIFF LAKE	9832	BERGEN	4	41 01	74 03	103		MID		C	HACKENSACK WATER CO.
WOODSTOWN	9910	SALEM	2	39 39	75 19	50	5P	5P			CREAM VALLEY DAIRY
PUBLICATION ENDED											
BERLIM 1 W	0787	CAMDEN	7	39 48	74 57	150		7A			EFFECTIVE 7/59
DEEPWATER	2209	SALEM	2	39 41	75 30	12		MID			EFFECTIVE 7/59
LEESBURG STATE FARM	4762	CUMBERLAND	6	39 14	74 58	10	4P	4P			EFFECTIVE 7/59
MARLTON 1 W	5252	BURLINGTON	2	39 54	74 57	90		6P			EFFECTIVE 7/59
SWEDESBORO 5 NW	8685	GLOUCESTER	2	39 47	75 24	10		12M			EFFECTIVE 7/59
TRENTOM 2	8878	MERCER	2	40 14	74 46	105	MID	MID			EFFECTIVE 7/59
VINELAND	9135	CUMBERLAND	6	39 29	75 00	110		8A			EFFECTIVE 7/59

‡ 1-COASTAL; 2-DELAWARE; 3-GREAT EGG HARBOR; 4-HACKENSACK; 5-HUDSON; 6-MAURICE; 7-MULLICA; 8-PASSAIC; 9-RAHWAY; 10-RARITAN; 11-ROCKAWAY

REFERENCE NOTES

Additional information regarding the climate of New Jsrssy may he ohtained hy writing to the State Climatologist at Weather Bureau Office, c/o General Delivery, Trenton, Nsw Jersey or to any Wsathsr Bureau Office nsar you.

Figures and letters following the station nams, such as 12 SSW, indicate distance in miles and direction from the post offics.

Delayed data and corrsctions will he carried only in the June and Decemher issues of this hulletin.

Monthly and seasonal snowfall and heating degres days for the preceding 12 months will he carried in the June issue of this hulletin.

Stations ap~earing in the Index, hut for which data are not listed in the tahles, sither are missing or were received too late to he included in this issue.

Divisions, as used in "Climatological Data" Tahle and on the maps, hecame effective with data for Septemher 1956.

Unless otherwise indicated, dimensional units used in this hulletin are: Temperature in °F, precipitation and evaporation in inches and wind movement in miles. Monthly degree day totals ars the sums of ths negative departures of average daily temperatures from 65° F.

Evaporation is measured in ths standard Weathsr Bureau type pan of 4 foot diameter unless otherwise shown hy footnote following the "Evaporation and Wind" Tahle. Max and Min in "Evaporation and Wind" Tahle refer to extremes of temperature of water in pan as recorded during 24 hours ending at time of ohservation.

Long-term means for full-time stations (those shown in the Station Index as "U. S. Weather Bureau") are hased on the period 1921-1950, adjusted to represent ohservations taken at the present location. Long-term means for all stations except full-time Weather Bureau stations are hased on the period 1931-1955.

Water equivalent values puhlished in the "Snowfall and Snow on Ground" Tahle are the water equivalent of snow, sleet, or ice on the ground. Samples for ohtaining measurements are taken from different points for successive ohservations; consequently occasional drifting and other causes of local variahility in the snowpack result in apparent inconsistencies in the record.

Entries of snowfall in the "Climatological Data" Tahle and the "Snowfall and Snow on Ground" Tahle, and in the "Seasonal Snowfall" Tahle include snow and sleet. Entries of snow on ground include snow, sleet and ice.

Data in the "Daily Precipitation" Tahle; "Daily Temperature" Tahle; and "Evaporation and Wind" Tahle, and snowfall in the "Snowfall and Snow on Ground" Tahle, when puhlished, are for the 24 hours ending at time of ohservation. The Station Index shows ohservation times in local standard time. During the summer months some ohservers take the ohservations on daylight saving time.

Snow on ground in the "Snowfall and Snow on Ground" Tahle is at ohservation time for all except Weather Bureau and FAA stations. For these stations snow on ground values are at 7:00 a.m., E.S.T.

In the Station Index the letters C, G, H, and J in the "Special" column under the heading "Ohservation Time and Tahles", indicate the following:

C Recording Rain Gage Station. Hourly precipitation values are processed for special purposes, and are puhlished later in "Hourly Precipitation Data" Bulletin.

G "Soil Temperature" Tahle.

H "Snowfall and Snow on Ground" Tahle. Omission o~ data in any month indicates no snowfall and/or snow on ground in that month.

J "Supplemental Data" Tahle.

OTHER REFERENCE NOTES

No record in the "Climatological Data" Tahle and the "Daily Temperature" Tahle is indicated hy no entry.

Interpolated values for monthly precipitation totals may he found in the annual issue of this puhlication.

\- No record in the "Daily Precipitation" Tahle; "Evaporation and Wind" Tahle; "Daily Soil Temperature" Tahle; "Snowfall and Snow on Ground" Tahle; and the Station Index.

\+ And also on an earlier date or dates.

++ Fastest ohserved one minute wind speed. This station is not equipped with automatic wind instruments.

* Amount included in following measurement, time distrihution unknown.

\# Thermometers are generally exposed in a shelter located a few feet ahove sod-covered ground; however, the reference indicates that the thermometers are exposed in a shelter located on the roof of a huilding.

// Gage is equipped with a windshield.

AR This entry in time of ohservation column in Station Index means after rain.

AM Data hased on ohservational day ending hefore noon.

B Adjusted to a full month.

D Water equivalent of snowfall wholly or partly estimated, using a ratio of 1 inch water equivalent to every 10 inches of new snowfall.

M One or more days of record missing; if average value is entered, less than 10 days record is missing. See "Daily Temperature" Tahle for detailed daily record. Degree day data, if carried for this station, have heen adjusted to represent the value for a full month.

R Amounts from recording gage. (These amounts are essentially accurate hut may vary slightly from the amounts to he puhlished later in Hourly Precipitation Data.)

SS This entry in time of ohservation column in Station Index means observation made near sunset.

T Trace, an amount too small to measure.

V Incl̆udes total for previous month.

X Ohservation time is 1:00 a.m., E.S.T. of the following day.

VAR This entry in time of ohservation column in Station Index means variahle.

Gensral weather conditions in the U. S. for each month are descrihed in the puhlications MONTHLY WEATHER REVIEW, MONTHLY CLIMATOLOGICAL DATA-NATIONAL SUMMARY, and STORM DATA, all of which may he ohtained from the Superintendent of Documents, Government Printing Office, Washington 25, D. C.

Information concerning the history of changes in locations, elevations, exposure etc., of suhstations through 1955 may he found in the puhlication "Suhstation History" for this stats. That puhlication may he ohtained from the Superintendent of Documents, Government Printing Office, Washington 25, D. C. for 15 cents. Similar information for regular Weather Bureau stations may he found in the latest annual issue of Local Climatological Data for the respective stations, ohtained as indicated above, price 15 cents.

Subscription Price: 20 cents per copy, monthly and annual; $2.50 per year. (Yearly suhscription includss the Annual Summary). Chscks, and money orders should he made payahle to the Supsrintendent of Documents. Remittance and correspondence regarding suhscriptions should he sent to the Superintsndent of Documents, Government Printing Office, Washington 25, D. C.

USCOMM-WB-Asheville, N. C. ---8/31/59 --- 775

551.05
UNNJ

U. S. DEPARTMENT OF COMMERCE
FREDERICK H. MUELLER, Secretary
WEATHER BUREAU
F. W. REICHELDERFER, Chief

CLIMATOLOGICAL DATA

NEW JERSEY

AUGUST 1959
Volume LXIV No. 8

THE LIBRARY OF THE
OCT 1
OF

ASHEVILLE: 1959

NEW JERSEY - AUGUST 1959

TEMPERATURE AND PRECIPITATION EXTREMES

Highest Temperature: 97° on the 19th at Elizabeth and on the 16th at Paterson

Lowest Temperature: 43° on the 3rd at Charlotteburg and Newton

Greatest Total Precipitation: 9.23 inches at Elizabethport

Least Total Precipitation: 1.98 inches at Toms River

Greatest One-Day Precipitation: 4.22 inches on the 9th at Canoe Brook

SPECIAL WEATHER SUMMARY

This was the hottest August since the record month in 1955 for most localities. Temperatures averaged 4.6° above normal in Newark, 3.2° above in Trenton, and 2.8° above in downtown Atlantic City. Philadelphia, Pa. was 2.5° above normal for the month.

Maximum temperature readings of 90° or higher were recorded 15 times in Newark, 13 in Trenton, and once in downtown Atlantic City. The Atlantic City Airport reported 8 days with temperatures 90° or above.

Temperatures were below normal from the 2nd through the 9th, and again on the 23rd and 24th. The remaining 21 days showed above normal readings.

Several locations recorded the greatest monthly precipitation since the record-breaking rains of August 1955.

Donald V. Dunlap,
State Climatologist
U. S. Weather Bureau
Trenton, New Jersey

CLIMATOLOGICAL DATA

NEW JERSEY
AUGUST 1959

Station		Temperature													Precipitation									
		Average Maximum	Average Minimum	Average	Departure From Long Term Means	Highest	Date	Lowest	Date	Degree Days	No. of Days Max. 90° or Above	No. of Days Max. 32° or Below	No. of Days Min. 32° or Below	No. of Days Min. 0° or Below	Total	Departure From Long Term Means	Greatest Day	Date	Snow, Sleet Total	Snow, Sleet Max Depth on Ground	Snow, Sleet Date	No. of Days .10 or More	No. of Days .50 or More	No. of Days 1.00 or More
NORTHERN																								
BELVIDERE		83.7	63.1	73.4	.7	91	16+	48	3	1	6	0	0	0	5.40	.24	1.31	5	.0	0		8	5	2
BOONTON 2 SE	AM	83.6	62.2	72.9	2.1	94	29	49	3	4	6	0	0	0	5.42	.46	1.94	9	.0	0		7	5	1
CANOE BROOK	AM	84.6	63.8	74.2	3.1	95	16	49	3	10	8	0	0	0	6.36	.94	4.22	9	.0	0		6	3	1
CHARLOTTEBURG	AM	82.1	59.2	70.7	1.3	91	29	43	3	16	4	0	0	0	6.52	1.54	2.22	9	.0	0		7	3	2
ELIZABETH		86.7	65.7	76.2	2.0	97	19	53	3	0	15	0	0	0	8.81	3.80	4.15	9	.0	0		7	4	3
ESSEX FELLS SERV BLDG	AM	85.9	63.8	74.9		94	22+	50	3	0	13	0	0	0	5.27		3.78	9	.0	0		4	2	2
FLEMINGTON 1 NE		85.6	63.4	74.5	.9	96	28	48	3	0	13	0	0	0	6.33	1.00	2.22	9	.0	0		8	4	2
HIGH POINT PARK	AM	82.1	59.4	70.8		92	18+	49	3+	21	5	0	0	0	4.90		1.50	5	.0	0		10	2	2
JERSEY CITY		82.6	67.0	74.8	.8	92	15	54	3	2	9	0	0	0	9.19	4.69	3.55	29	.0	0		9	5	3
LAMBERTVILLE		86.3M	65.0M	75.7M	2.8	94	16+	50	3	0	15	0	0	0	6.15	.77	1.72	8	.0	0		6	5	2
LAYTON 3 NW		85.0	59.7	72.4	2.7	93	1	46	3	6	13	0	0	0	5.76	1.21	1.54	5	.0	0		7	4	3
LITTLE FALLS 1 E	AM	86.7	64.4	75.6	2.8	96	29	50	3	2	17	0	0	0	5.17	- .10	3.39	9	.0	0		7	2	1
LONG VALLEY		83.7	61.1	72.4		92	28+	44	3	11	8	0	0	0	5.18	- .13	1.25	31+	.0	0		6	4	3
MORRIS PLAINS	AM	83.8	62.8	73.3		94	29	47	3	5	8	0	0	0	5.42		2.31	9	.0	0		7	3	1
NEWARK WB AIRPORT	R	86.5	68.7	77.6	4.5	96	21+	59	3	0	15	0	0	0	6.94	2.75	2.85	9	.0	0		6	4	3
NEWTON	AM	84.3	60.1	72.2	2.0	94	22	43	3	13	13	0	0	0	4.63	- .03	2.00	9	.0	0		6	3	2
PATERSON	AM	86.9	64.7	75.8	2.2	97	16	53	3	4	16	0	0	0	4.64	- .40	2.78	9	.0	0		7	2	1
PHILLIPSBURG		86.5	61.3	73.9	1.6	95	15	49	3	3	15	0	0	0	3.91	- 1.40	1.15	31	.0	0		6	3	2
PLAINFIELD		85.5	65.5	75.5	2.4	95	28+	51	3	0	15	0	0	0	5.66	.26	1.86	8	.0	0		6	4	2
RIDGEFIELD		86.0	66.2	76.1	3.1	96	15	52	3	2	15	0	0	0	3.46	- 1.27	1.10	9	.0	0		7	2	1
SOMERVILLE		85.6	64.8	75.2	2.4	94	28	49	3	0	14	0	0	0	4.18	- 1.23	1.85	9	.0	0		7	3	1
SUSSEX 3 N	//	83.8	59.2	71.5	.3	92	22	46	3	9	9	0	0	0	7.63	2.76	1.77	1	.0	0		11	5	4
DIVISION				74.1	2.0										5.77	.70			.0					
SOUTHERN																								
ATLANTIC CITY WB AP		84.1	68.0	76.1	3.2	92	22+	55	3	0	8	0	0	0	3.57	- 1.01	1.17	8	.0	0		5	3	2
AUDUBON		86.7	67.2	77.0		95	28+	53	3	0	16	0	0	0	3.77		.86	31	.0	0		11	2	0
BELLEPLAIN		84.5	67.2	75.9		92	27+	47	3	0	6	0	0	0	5.98	.10	1.80	25	.0	0		8	4	3
BURLINGTON		87.6	67.4	77.5	2.0	96	28+	57	3	0	17	0	0	0	6.03	1.44	1.95	5	.0	0		10	5	1
CLAYTON		85.6	67.7	76.7		92	22+	55	3	0	9	0	0	0	2.17		.54	8	.0	0		7	1	0
FREEHOLD		85.3	66.1	75.7	2.6	93	28+	56	4	0	11	0	0	0	3.65	- 1.35	1.33	9	.0	0		5	2	2
HAMMONTON 2 NNE	AM	85.6	65.6	75.6	1.4	94	18+	52	4	0	14	0	0	0	4.24	- 1.71	1.18	9	.0	0		6	4	2
HIGHTSTOWN 1 N		84.6	65.2	74.9	2.1	93	21+	51	3	0	10	0	0	0	4.91	.14	1.26	23	.0	0		7	6	1
INDIAN MILLS 2 W		85.8	64.5	75.2	2.3	95	28+	45	3	1	15	0	0	0	3.57	- 2.04	1.32	31	.0	0		7	2	1
LAURELTON 1 E		85.3	65.4	75.4	2.9	96	21+	50	3	0	10	0	0	0	3.12	- 2.02	1.30	5	.0	0		5	3	1
MILLVILLE	AM	86.3	68.2	77.3		95	23+	53	3	0	13	0	0	0	4.58		.93	8	.0	0		9	5	0
MOORESTOWN		84.9	66.8	75.9	2.8	93	28+	51	3	0	12	0	0	0	4.36	- .57	1.20	5	.0	0		9	4	1
NEW BRUNSWICK EXP STA		85.3	65.0	75.2	2.1	92	28+	54	4	0	13	0	0	0	5.92	1.14	2.47	8	.0	0		6	4	2
PEMBERTON 3 E		86.4	64.3	75.4	1.4	95	22	48	3	0	14	0	0	0	5.55	.62	1.39	31	.0	0		8	4	3
SHILOH		85.4	67.7	76.6	1.9	94	22	54	3	0	9	0	0	0	4.66	- .42	1.92	8	.0	0		8	3	1
TRENTON WB CITY	R	84.8	67.9	76.4	3.2	94	28+	58	4+	0	13	0	0	0	7.46	2.87	2.63	29	.0	0		8	5	3
TUCKERTON																								
WOODSTOWN		87.2	66.9	77.1		95	22+	51	3	0	16	0	0	0	3.02		.65	5	.0	0		8	3	0
DIVISION				76.1	2.6										4.50	- .70			.0					
COASTAL																								
ATLANTIC CITY	R	81.3	70.5	75.9	2.8	93	22	58	3	0	1	0	0	0	5.08	.36	1.60	5	.0	0		5	5	2
CAPE MAY 3 W		82.9M	68.4M	75.7M		94	22	55	3	0	5	0	0	0	6.13		2.75	25	.0	0		8	3	2
LONG BRANCH	R	83.8	66.5	75.2	2.4	96	17	55	4+	0	11	0	0	0	5.54	.17	1.85	29	.0	0		5	4	3
DIVISION				75.6	2.0										5.58	.67			.0					

SUPPLEMENTAL DATA

Station	Wind direction		Wind speed m.p.h.				Relative humidity averages - percent				Number of days with precipitation							Percent of possible sunshine	Average sky cover sunrise to sunset
	Prevailing	Percent of time from prevailing	Average	Fastest mile	Direction of fastest mile	Date of fastest mile	1:00 a EST	7:00 a EST	1:00 p EST	7:00 p EST	Trace	01–09	10–49	50–99	1.00–1.99	2.00 and over	Total		
ATLANTIC CITY WB AIRPORT	S	14	9.4	-	-	-	91	88	64	79	6	4	2	1	2	0	15	-	6.4
ATLANTIC CITY	-	-	8.9	26	N	2	-	-	-	-	-	6	0	3	2	0	-	43	-
LONG BRANCH	SW	14	11.6	48	W	29	-	84	64Ø	68	2	4	1	1	3	0	11	60	6.6
NEWARK WB AIRPORT	SSW	15	8.3	25++	SSW	29	78	79	53	63	4	5	2	1	2	1	15	-	6.1
TRENTON WB CITY	-	-	7.1	26	NW	29	-	-	-	-	2	4	3	2	2	1	14	63	5.3

Ø 12:00 Noon

See Reference Notes Following Station Index

DAILY PRECIPITATION

NEW JERSEY
AUGUST 1959

Station	Total	Day of month																														
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
ATLANTIC CITY WB AP	3.57	T			.01	1.13	T		1.17	.08	T								.39				.13	.01	.63	T		T			T	.02
ATLANTIC CITY R	5.08	.01			.01	1.60			.85	.06									.50				.50	.02	1.51						.01	.01
AUDUBON	3.77	.25				.64			.21	.17									.17				.48	.20	.15					.38	.26	.86
BASS RIVER ST FOREST	4.47					.96			.80	.07									.01					.16	.04						2.34	.09
BELLEPLAIN	5.98					1.08			1.40	.34									.56				.20	.18		1.80						.42
BELMAR	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				T				.25	T						.03	
BELVIDERE	5.40	.07				1.51	.02		.07	1.12	.20							T	.86					.03	.02			.27	.16	T	.50	.77
BERNARDSVILLE 2 E	4.44	.25				.91	.14			2.64	.02								.12	.02						.07		.01				.26
BLACKWELLS MILLS	7.13	1.36				.86	.08			3.98									.29	.04				.09	.03	.05					.03	.32
BOONTON 2 SE	5.42	.70				.99	.30			1.94	.05								.82	T				T	.02	.10		T				.50
BOUND BROOK 1 W	5.14	.71				.97	.11			2.60									.08												.53	.14
BRANCHVILLE	5.25	1.09				.87	.61			1.61								T	.03					.04	.20			.04		T		.76
BURLINGTON	6.03	.20				1.95	.02		.47	.77	.05							.02	.10				.03	.16	.12					.75	.64	.75
CANISTEAR RESERVOIR	6.25	1.01				.59	.82			2.85	.18								.08						.12	.15		T			.07	.38
CANOE BROOK	6.36	.56				.84	.16	T		4.22	.05								.04	.01						.21						.27
CANTON	2.97	.32				.11		.06	.02	1.23	.31					.02								.58		.11					.21	
CAPE MAY 3 W	6.13					1.08			.78	.27													.33	.05	.17	2.75	.02				.45	.23
CEDAR GROVE	5.45	.05				.73	.45			3.55	.04								.24				.20			.10						.09
CHARLOTTEBURG	6.52	1.99				.40	.40			2.22	.08								.80					.11	.05	.05		T				.42
CHATHAM	5.42	.63				.85	.08			3.45	.05								T							.22						.14
CLAYTON	2.17				T	.39	.04	T	.54	.12	.04								.14					.13	.41	T		T		.05	T	.31
CLINTON	5.11	.76				.82	.02		.42	1.08	.04								.19				.22	.01	.01			.12			.56	.86
ELIZABETH	8.81					1.86			.04	4.15	.02								.18					.11	.28	.01				1.45	.01	.70
ELIZABETHPORT	9.23					1.69			1.69	2.29								.49	.03						.24					2.42	.02	.36
ESSEX FELLS SERV BLDG	5.27					1.01	.35			3.78									.13													
FLEMINGTON 1 NE	6.33	.48			T	.59	T		.39	2.22	.05								.29				.73	.12	.08			.05		T	.03	1.30
FORTESCUE	2.64	.10				.73		.10		.98	.14									.06				.27		.26						
FREEHOLD	3.65	.04				1.32				1.33									.03				.35	.13	.02					T	.04	.39
GREENWOOD LAKE	4.60	.08				.45	.25	T		2.60	.13								.04	.01				.58	.13	.21							.12
HAMMONTON 2 NNE	4.24	.10				.61	.03			1.18	.02													.87	.08	.31					1.14		
HIGH POINT PARK	4.90	.05				1.50	.06			1.36	.33							.32	.10				.10		.30	.19		.31				.28
HIGHTSTOWN 1 N	4.91	.13				.74			.57	.88									.05				.53	1.26	.03					T	.06	.66
INDIAN MILLS 2 W	3.57					.41			.24	.70									.05				.01	.12	.01					.25	.46	1.32
IRVINGTON	6.48					1.30			1.33	1.27								.14	.02				.02		.25					1.38	.06	.71
JERSEY CITY	9.19					1.70			.55	1.90								.30	.20				.20		.05					3.55	.20	.54
LAMBERTVILLE	6.15	.02				.77			1.72	.84									.62				.05	.09	.06			.01		.36	.03	1.58
LAURELTON 1 E	3.12					1.30			.14	.68									.08				.60	.02	T					T		.10
LAYTON 3 NW	5.76					1.54			T	1.36	1.33	.10					.18		.09				.05			.30			.08	.03		.70
LITTLE FALLS 1 E	5.17	.18				.68	.49			3.39	.05								.11	T				.16	T	.11						T
LONG BRANCH R	5.54					1.52			.55	1.25	.01								.06				T	T	.20					1.85	.01	.09
LONG VALLEY	5.18	.05				1.22			.55	1.25									.44	.06			.03		.08			.07	.03		.15	1.25
MACOPIN INTAKE	6.80	2.16				.52	.34			1.92	.13								1.01					.14	.03	.03		T				.52
MAHWAH	5.76	1.30				.44	.37			1.71	.06								.38					.67	.03	.13						.67
MANVILLE	6.13	.65				1.00			1.41	1.44								.04	.02						.02					.55	.20	.80
MAYS LANDING	7.76					1.25			1.75	.26	.04								1.50				2.10	.26	.40	.10						.10
MIDLAND PARK	7.42	.01				1.43				.70	1.85	.03						1.13				.02	.51			.22				.03		1.49
MILLVILLE	4.58	.16			.02	.60		.02	.93	.13	.02								.92				.12	.10	.64						.02	.90
MILTON	6.71	1.39				.73	.15			2.04	.14								.78					.04	.07	.30		.03		.04	.02	.98
MOORESTOWN	4.36	.71				1.20	.02			.25										.10				.55	.15	.06				.35	.13	.84
MORRIS PLAINS	5.42	.85				.98	.31	T		2.31	.01								.32	.01				T	.01	.36		.01		T	.01	.24
NEWARK WB AIRPORT R	6.94	T				1.35	T		1.32	2.85	.01							.07	.02				.03	T	.15			T		.43	.01	.70
NEW BRUNSWICK EXP STA	5.92	.17				.92	T		2.47	.02								.02	.05				.15	T	T					1.39	.05	.68
NEW MILFORD	4.38	.02				.70				.33	1.45	.02						.04				.02	.12		.08						.14	1.46
NEWTON	4.63	.13				1.20	.29	T			2.00	.25							.03					.01	.02	.09		.08		T	.02	.51
OAK RIDGE RESERVOIR	6.12	.67				.41	.38				3.02	.14							.74					.06	.11	.09		.04				.46
OLDWICK	4.35	.68				.73	.26	T			2.05								.16	T					.02	T		.07			.02	.36
ORANGE	5.66	.14				1.12			*		3.30								.15						.14	.17						.64
PATERSON	4.64	.02				.65	.47				2.78	.04							.17	T				.05		.10					.10	.26
PEMBERTON 3 E	5.55	.14				1.21			.24		.96								.09				.03	1.02	.07					.29	.11	1.39
PHILLIPSBURG	3.91					1.03					.68								.49					.22							.34	1.15
PHILLIPSBURG BRIDGE	-					.83	.18				.56	.31																				.28
PLAINFIELD	5.66					1.48			.02	1.86	.85								.15				T	T	.08			.40	.05		.36	.01	.85
PRINCETON WATER WORKS	5.47	.33	.42			.81				1.48	.55							.07					1.11	.05	.01						.03	.14	.47
RAHWAY	5.83					1.14				1.46	2.60	T						.17	.02				T		.01				.02	.15	T	.26
RIDGEFIELD	3.46					.87				.40	1.10							.10	.04				.30		.16						.04	.45
RINGWOOD	5.01	.83				.76	.04	T		1.64	.21	T							.10					.95	.09	.14						.25
SHILOH	4.68	.10				.39		.04	1.92	.08	.22								.47					.50	.05	.09	T			.05	.10	.67
SOMERVILLE	4.18	.29				.72	.03			.21	1.85								.22				T	T				T		T	.62	.24
SPLIT ROCK POND	4.96	.34				.73	.50				1.64	.04							.34					.09	.05	.18				.01		1.04
SUSSEX 3 N //	7.63	1.77				1.10	.59				1.44	.42							.06				.20	.11	.32	.28		.05			1.05	.24
TOMS RIVER	1.98					.97																	.15	.53	.15							.18
TRENTON WB CITY R	7.46	.13				1.49				.91	1.08							.14	.05				.01	.09	.03	T		T		2.63	.52	.38
TUCKERTON		RECORD MISSING																														
WANAQUE RAYMOND DAM	4.18	.38				.38	.52				1.61	.07							.19	T				.43	.02	.10						.48
WERTSVILLE	4.23	.23				.71	.13	T	T	2.33	.02								.18	.02				.33	.24	.02		.02				T
WESTFIELD	5.82					1.23			*	3.23															.11						.55	.70
WEST WHARTON	7.14	1.87				.65	1.15			2.19	.05								.70						.03	.15		.03		.02		.30
WOODCLIFF LAKE	6.96	.03				.95			.45	2.50	.05							.25					.32		.15					.17		2.08
WOODSTOWN	3.02					.65			.62	.30	.22								.06					.59	T	.16						.16	.26

See Reference Notes Following Station Index

DAILY TEMPERATURES

Station		Day Of Month																													Average
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
ATLANTIC CITY W8 AP	MAX	87	75	80	77	76	70	76	72	81	82	83	88	90	88	92	92	92	84	87	89	91	92	75	79	87	90	89	91	88	82	82	84.1
	MIN	73	58	55	56	62	61	64	66	68	67	67	65	69	72	70	73	73	73	70	64	67	75	70	69	68	70	70	72	73	74	75	68.0
ATLANTIC CITY	MAX	86	76	77	74	76	71	75	72	79	81	84	88	87	84	83	82	82	80	82	84	83	93	76	77	85	84	86	89	83	81	81	81.3
	MIN	75	61	58	66	62	62	65	68	70	68	70	70	73	74	73	73	74	73	72	68	72	74	71	71	70	72	74	76	78	76	78	70.5
AUDUBON	MAX	91	78	83	80	71	74	83	72	80	85	86	90	92	95	94	94	94	89	90	93	95	94	78	76	90	95	90	95	91	88	83	86.7
	MIN	72	60	53	55	64	60	59	65	69	68	65	63	68	71	72	73	74	72	68	65	68	75	65	65	70	67	73	72	71	70	72	67.2
BELLEPLAIN	MAX	90	85	82	80	78	73	79	76	80	81	84	87	86	92	87	88	90	88	80	88	92	89	78	80	83	90	92	89	86	83	85	84.5
	MIN	75	63	47	55	66	61	63	62	69	66	61	63	68	72	70	75	76	72	70	62	66	72	69	64	67	68	70	73	74	72	72	67.2
BELVIDERE	MAX	90	82	80	77	70	74	81	76	72	81	84	86	87	89	91	91	90	87	86	88	90	87	83	71	90	89	84	89	87	83	80	83.7
	MIN	69	55	48	52	63	59	55	61	65	58	61	59	63	67	68	66	68	69	62	62	65	72	62	61	67	60	67	67	70	65	70	63.1
BOONTON 2 SE	MAX	88	89	77	82	80	66	70	82	74	75	82	83	86	87	89	91	90	90	85	89	89	90	87	67	71	88	90	89	94	89	84	83.6
	MIN	70	57	49	50	57	59	60	59	63	61	64	59	63	68	65	67	70	69	61	61	64	67	62	62	63	56	60	64	64	63	70	62.2
BURLINGTON	MAX	91	80	82	82	73	72	82	78	78	84	88	91	95	93	96	95	95	92	91	94	96	94	82	75	92	94	92	96	91	88	85	87.6
	MIN	72	65	57	58	64	60	62	64	68	67	65	64	69	72	70	72	74	72	71	65	69	77	65	65	69	65	70	68	72	65	72	67.4
CANOE BROOK	MAX	88	88	77	84	80	66	71	83	76	76	81	84	88	89	88	95	93	92	87	88	92	92	87	68	72	88	91	90	94	88	87	84.6
	MIN	68	59	49	53	64	60	60	62	63	64	62	59	66	70	66	68	71	70	62	62	67	72	58	65	67	58	63	67	72	65	67	63.8
CAPE MAY 3 W	MAX	87	83	79	78	80	73	73	73	78	77	81						90	86	88	88	87	94	88	79	81	89	88	88	86	80	82	82.9
	MIN	71	57	55	62	67	62	65	67	69	68	69	68						74	73	64	70	75	70	69	69	70	71	75	74	72	73	68.4
CHARLOTTEBURG	MAX	85	86	75	79	78	64	69	80	72	72	79	83	85	88	86	90	90	89	86	86	88	90	84	65	70	86	89	89	91	89	81	82.1
	MIN	68	55	43	46	51	58	58	56	59	60	60	54	56	62	62	62	66	65	59	57	64	69	60	59	60	51	53	66	68	63	65	59.2
CLAYTON	MAX	89	87	80	80	74	79	79	77	82	82	83	87	89	91	91	92	91	90	88	89	91	92	84	78	85	91	89	91	87	84	82	85.6
	MIN	72	63	55	57	65	62	59	69	69	68	65	64	67	71	69	71	73	71	68	64	67	72	68	66	73	70	72	73	73	70	72	67.7
ELIZABETH	MAX	91	84	83	82	73	72	81	76	73	83	86	90	91	88	94	93	95	89	97	94	95	90	85	72	90	93	95	95	90	85	83	86.7
	MIN	70	62	53	55	64	59	61	65	66	64	62	62	66	70	69	70	74	70	65	60	68	75	65	65	68	61	70	70	70	68	70	65.7
ESSEX FELLS SERV BLDG	MAX	86	85	84	85	80	70	73	80	77	80	83	82	87	91	92	94	93	93	91	89	92	94	93	74	72	89	90	93	90	92	89	85.9
	MIN	62	60	50	53	65	60	59	60	64	61	59	60	64	65	70	68	70	69	64	61	65	68	67	69	66	65	64	64	68	70	68	63.8
FLEMINGTON 1 NE	MAX	91	80	81	80	71	73	81	72	75	83	85	90	90	91	94	94	93	89	89	92	94	89	80	72	90	94	90	96	89	87	78	85.6
	MIN	71	59	48	51	63	59	56	58	66	59	61	58	63	69	66	66	69	69	63	59	64	73	63	67	69	59	69	66	66	65	70	63.4
FREEHOLD	MAX	88	86	80	81	70	73	78	75	76	82	85	89	91	88	93	93	93	90	88	91	93	90	78	73	89	92	90	93	89	84	83	85.3
	MIN	70	61	58	56	63	58	60	60	70	66	62	63	65	71	68	72	72	70	67	64	65	75	64	64	68	66	69	70	72	70	71	66.1
HAMMONTON 2 NNE	MAX	85	88	77	82	82	74	72	81	74	81	82	84	90	92	92	93	94	94	86	88	90	90	93	74	78	82	93	90	93	91	89	85.6
	MIN	70	70	60	52	53	62	62	60	61	64	65	64	66	68	69	67	70	72	71	67	70	62	64	70	64	65	67	69	70	71	68	65.6
HIGH POINT PARK	MAX	86	88	83	77	78	66	65	72	73	68	78	82	85	90	88	92	90	92	87	85	90	89	86	64	72	85	89	88	89	89	78	82.1
	MIN	62	49	49	52	56	51	52	58	60	55	58	56	64	63	68	66	67	65	56	61	63	66	53	55	56	59	63	63	65	64	65	59.4
HIGHTSTOWN 1 N	MAX	89	78	81	80	69	70	79	72	75	81	85	89	90	90	93	92	93	87	88	91	93	91	76	73	88	91	89	92	89	86	82	84.6
	MIN	69	61	51	53	63	59	59	62	66	64	63	61	66	69	67	70	73	70	64	62	66	74	63	62	69	62	69	70	73	69	72	65.2
INDIAN MILLS 2 W	MAX	90	78	83	80	72	72	80	70	82	82	85	90	91	92	94	94	93	86	91	93	94	93	77	77	89	95	91	95	90	82	80	85.8
	MIN	72	60	45	51	64	59	57	60	68	65	62	58	64	69	67	70	72	69	64	57	64	75	65	65	69	64	68	68	69	69	71	64.5
JERSEY CITY	MAX	89	81	78	74	67	70	78	71	73	82	85	87	90	82	92	91	91	85	85	91	91	87	72	70	90	84	90	90	88	80	78	82.6
	MIN	71	63	54	60	60	58	58	63	64	67	66	68	68	74	71	72	75	71	67	67	69	74	65	63	66	64	72	73	73	71	71	67.0
LAMBERTVILLE	MAX	91	89	83	80	72	71	79	79	75		86	88	91	92	94	94	93	90	89	90	92	91	84	73	91	93	90	93	90	87	78	86.3
	MIN	71	58	50	53	65	60	55	61	67		60	60	63	69	68	69	72	70	64	63	66	74	65	64	69	63	71	69	70	68	72	65.0
LAURELTON 1 E	MAX	89	78	79	78	70	72	79	70	78	86	87	88	93	86	93	96	96	86	86	94	96	95	74	74	93	88	91	92	89	84	84	85.3
	MIN	70	54	50	51	60	59	61	60	67	66	63	63	66	70	69	70	73	71	64	62	67	73	66	67	65	63	69	70	71	70	76	65.4
LAYTON 3 NW	MAX	93	88	80	76	70	70	83	81	70	80	83	85	90	90	88	90	92	87	90	90	90	90	88	74	92	90	90	88	90	83	83	85.0
	MIN	63	50	46	48	60	57	56	58	65	56	58	58	60	65	62	62	65	68	64	60	58	67	56	56	62	56	58	65	63	65	65	59.7
LITTLE FALLS 1 E	MAX	90	90	80	84	80	66	72	85	76	78	85	89	90	92	92	95	95	95	89	91	93	94	90	70	73	93	93	93	96	92	88	86.7
	MIN	66	60	50	52	63	59	60	63	65	65	61	60	64	67	67	69	71	71	63	63	67	73	63	63	67	58	67	68	73	68	70	64.4
LONG BRANCH	MAX	90	75	75	76	69	73	79	72	73	82	86	88	90	85	94	94	96	87	85	94	94	90	72	72	90	85	91	90	89	82	81	83.8
	MIN	74	57	55	55	63	60	63	63	67	66	65	65	67	70	70	70	75	70	70	65	68	70	66	65	69	65	70	70	65	70	74	66.5
LONG VALLEY	MAX	87	78	79	78	70	68	80	71	73	80	84	87	89	90	92	91	92	88	89	90	91	87	82	72	89	90	89	92	88	83	77	83.7
	MIN	68	54	44	48	62	54	54	55	65	56	59	56	58	68	66	64	68	68	65	56	60	69	61	64	66	53	66	66	68	64	69	61.1
MILLVILLE	MAX	88	91	79	82	79	79	74	82	74	84	84	85	90	90	95	93	92	93	87	90	90	94	95	74	80	83	93	89	93	89	84	86.3
	MIN	74	65	53	58	65	61	61	64	67	67	67	66	68	71	69	73	74	75	71	65	67	73	69	68	69	70	71	74	74	72	74	68.2
MOORESTOWN	MAX	90	76	80	80	70	73	80	70	78	82	86	88	91	92	91	93	92	87	89	91	92	93	75	76	90	93	89	93	87	83	82	84.9
	MIN	72	61	51	55	62	60	57	65	68	67	66	63	69	71	70	71	72	73	66	64	69	75	65	65	70	66	72	72	70	70	74	66.8
MORRIS PLAINS	MAX	88	91	80	83	79	64	70	80	73	73	82	87	87	88	87	92	90	91	87	89	91	91	88	66	70	87	90	89	94	88	83	83.8
	MIN	67	58	47	49	57	59	59	59	65	61	64	60	64	69	65	66	68	69	65	61	66	72	62	61	63	55	67	66	70	65	68	62.8
NEWARK W8 AIRPORT	MAX	93	80	82	79	71	73	81	75	76	86	88	92	93	87	96	95	96	90	89	95	96	90	75	73	92	95	93	93	90	85	83	86.5
	MIN	72	64	59	60	61	61	63	65	67	67	67	67	70	74	72	73	75	72	71	69	70	75	66	67	70	66	74	76	74	72	72	68.7
NEW BRUNSWICK EXP STA	MAX	89	89	80	82	72	72	78	78	72	82	85	87	90	90	92	92	90	90	89	90	91	90	85	72	90	90	90	92	89	85	83	85.3
	MIN	69	61	57	54	62	58	60	61	65	63	63	62	65	70	67	70	72	69	65	63	65	75	64	63	67	63	69	69	67	67	69	65.0
NEWTON	MAX	87	90	77	81	80	66	69	81	74	73	81	85	87	90	90	93	93	92	90	88	91	94	88	64	73	90	92	89	91	91	83	84.3
	MIN	66	54	43	47	55	57	56	59	59	56	58	54	63	63	65	63	67	70	57	57	63	69	61	61	63	52	64	64	68	63	66	60.1
PATERSON	MAX	89	93	79	81	82	65	73	82	76	76	85	89	92	93	91	97	95	96	90	91	95	94	88	70	73	93	93	93	95	95	89	86.9
	MIN	68	58	53	54	60	57	60	62	62	64	64	62	68	69	65	72	72	70	65	64	69	73	61	61	64	59	68	70	74	68	70	64.7
PEMBERTON 3 E	MAX	89	87	82	79	72	72	81	75	82	83	86	88	91	92	93	93	93	90	89	91	93	95	81	75	90	94	92	94	90	83	84	86.4
	MIN	71	60	48	53	64	59	56	60	62	65	62	59	65	67	67	70	69	70	64	59	65	78	65	64	68	63	69	67	67	68	68	64.3
PHILLIPSBURG	MAX	90	90	80	84	76	68	82	76	74	80	84	87	90	94	95	93	93	93	88	91	93	93	85	72	89	92	93	94	92	86	84	86.5
	MIN	68	55	49	56	56	56	56	61	64	60	58	57	65	65	64	68	67	64	63	61	60	69	58	63	63	60	60	62	59	64	70	61.3
PLAINFIELD	MAX	91	80	83	82	67	72	81	73	74	83	86	90	91	88	94	93	95	88	91	93	93	90	75	71	91	93	91	95	90	86	82	85.5
	MIN	69	62	51	54	64	59	60	63	65	63	62	61	65	69	68	70	73	70	67	63	67	75	66	66	66	60	70	68	73	68	74	65.5
RIDGEFIELD	MAX	92	79	83	84	66	72	82	77	78	83	87	90	92	91	96	93	95	87	91	95	93	87	71	72	90	92	92	95	90	88	83	86.0
	MIN	71	60	52	57	60	60	61	65	66	67	64	63	70	71	70	74	73	72	66	66	70	71	63	65	65	59	61	71	73	72	75	66.2

See Reference Notes Following Station Index

Continued

DAILY TEMPERATURES

Station		Day Of Month																													Average
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
SHILOH	MAX	88	88	80	76	78	73	79	75	81	82	84	88	89	92	90	91	90	87	89	89	93	94	86	78	83	92	90	91	89	82	81	85.4
	MIN	71	63	54	58	66	60	62	64	70	64	66	65	68	70	68	73	74	72	70	64	68	75	68	67	69	77	70	72	72	69	71	67.7
SOMERVILLE	MAX	90	88	81	80	71	72	81	75	74	81	85	88	90	90	93	93	93	87	90	91	93	91	87	72	90	92	89	94	90	85	79	85.6
	MIN	70	61	49	52	64	60	59	60	67	61	61	60	64	68	67	69	73	70	66	61	66	72	65	65	69	59	70	68	72	68	73	64.8
SUSSEX 3 N	MAX	86	88	79	81	80	65	69	83	78	75	81	84	86	90	89	91	91	90	88	87	90	92	85	69	70	87	89	90	91	91	82	83.8
	MIN	66	52	46	48	55	57	56	57	62	57	57	56	57	63	63	67	67	68	57	58	60	65	59	58	60	54	55	64	65	63	63	59.2
TRENTON W8 CITY	MAX	90	76	80	79	68	70	78	71	75	82	85	89	92	92	93	93	93	88	89	91	94	90	75	73	90	93	89	94	90	86	80	84.8
	MIN	71	63	58	58	61	60	60	64	67	65	67	66	70	73	73	73	73	72	71	69	70	75	64	65	70	69	74	74	69	69	72	67.9
TUCKERTON	MAX																																
	MIN																																
WOODSTOWN	MAX	91	91	82	80	77	72	81	80	82	84	86	89	91	95	92	93	93	92	91	90	94	95	79	79	89	93	90	93	90	85	83	87.2
	MIN	72	64	51	57	65	62	64	65	69	63	64	61	67	70	68	71	74	72	67	63	67	74	67	66	66	65	71	72	73	69	74	66.9

EVAPORATION AND WIND

Station		Day of month																													Total or Avg.
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
ATLANTIC CITY W8 AIRPORT	EVAP	.14	.42	.17	.23	.17	.08	.11	-	.01	.18	.23	.28	.28	.23	.36	.31	.25	.12	.30	.23	.22	.30	*	*	.15	.26	.15	.22	.16	.08	.10	B5.93
	WIND	62	70	58	80	145	21	45	68	43	47	39	32	49	24	59	93	97	55	44	36	42	43	66	70	36	35	22	26	56	67	75	1705
	MAX	92	85	89	74	76	71	81	81	85	87	89	95	96	94	95	96	97	90	95	96	97	96	83	80	91	-	91	97	91	84	84	88.6
	MIN	75	64	56	61	68	62	66	72	71	70	71	66	71	73	73	74	74	75	73	69	69	77	69	68	72	-	73	76	75	74	74	70.4
CANOE BROOK	EVAP	.13	.23	.33	.08	*	*	.08	.49	-	-	.19	.18	.08	.21	.21	.21	.26	.20	.12	.21	.22	.17	.11	*	*	.37	.10	.16	.44	.16	.06	85.34
	WIND	11	5	110	11	16	51	8	41	25	6	11	32	10	15	7	16	42	4	12	13	10	16	30	36	11	9	23	5	4	10	25	625

DAILY SOIL TEMPERATURES

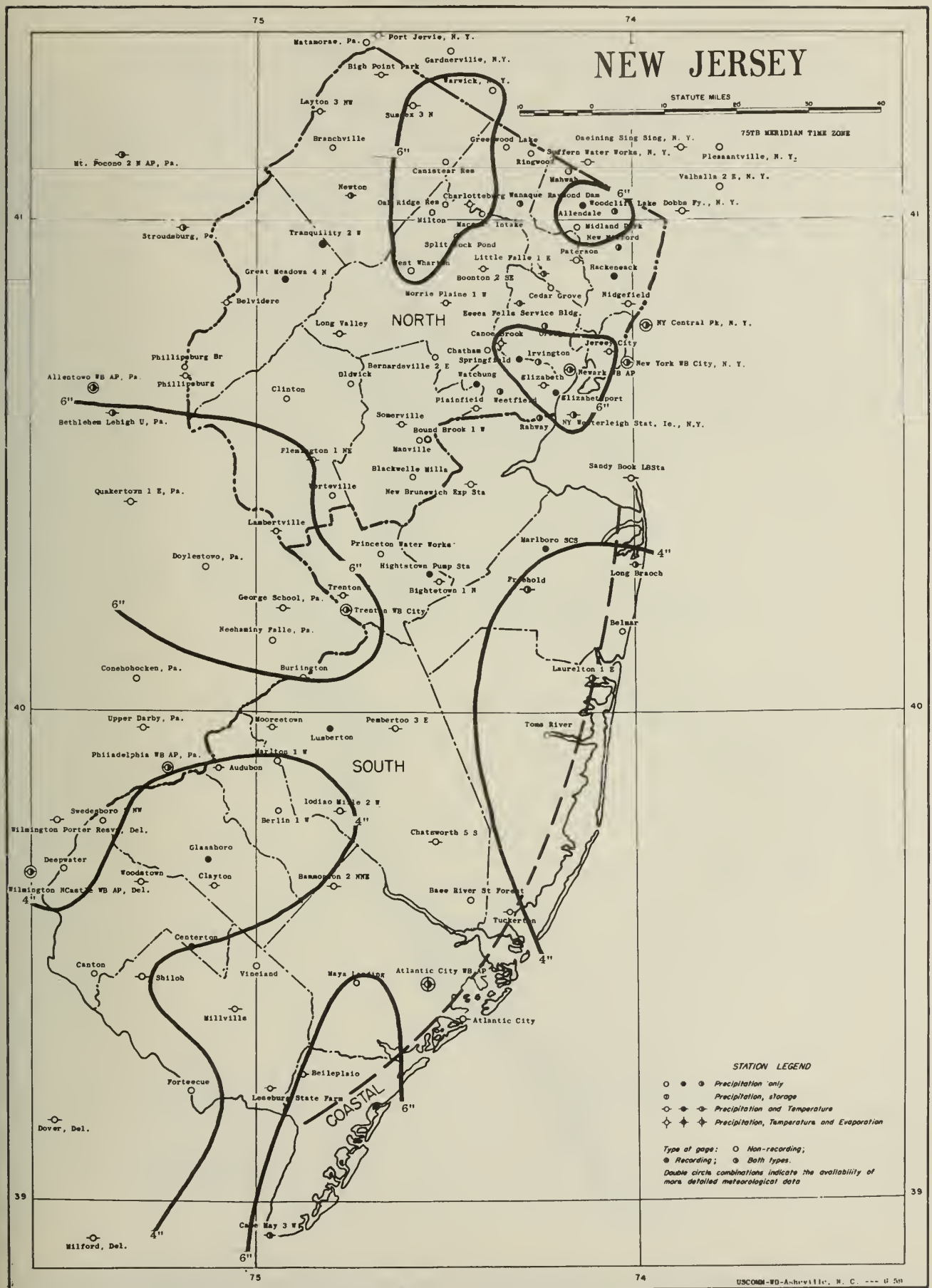
Station And Depth		Day of month																													Average
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
NEW BRUNSWICK EXP STATION																															
MEASURED UNDER SOD																															
1 INCH	MAX	86	79	82	80	69	73	80	-	71	83	83	83	-	86	89	87	89	85	84	88	87	83	75	72	86	87	83	88	88	81	78	82.2
	MIN	73	67	64	65	65	65	66	-	69	67	68	69	70	70	71	74	75	74	71	70	71	75	68	62	70	68	72	72	72	72	73	69.7
2 INCHES	MAX	84	78	80	79	69	72	78	-	71	81	82	83	82	83	85	84	86	82	83	85	84	82	76	72	82	83	82	85	84	79	77	80.4
	MIN	73	68	66	66	66	66	67	-	69	68	69	69	71	72	72	74	75	75	72	71	74	75	69	68	70	68	72	72	73	72	73	70.4
4 INCHES	MAX	82	77	78	76	69	72	75	-	71	78	79	81	80	81	82	82	83	80	81	82	81	81	76	71	79	81	80	82	81	78	76	78.4
	MIN	73	70	67	67	67	66	67	-	69	68	69	70	71	73	72	74	73	74	73	72	76	75	69	69	70	71	72	73	73	72	73	70.9
8 INCHES	MAX	78	76	74	78	71	70	71	-	70	73	74	73	75	77	77	77	78	77	77	77	76	77	75	73	74	75	76	77	75	75	74	74.8
	MIN	74	73	71	69	68	68	68	-	68	69	70	70	72	73	73	74	75	75	73	72	74	75	73	71	70	72	72	74	74	72	73	71.8
12 INCHES	MAX	75	75	73	72	71	69	70	-	70	71	71	72	73	73	74	75	75	75	75	74	74	75	74	73	72	72	74	74	74	73	73	73.0
	MIN	73	73	71	70	69	68	68	-	69	69	71	72	73	73	74	73	74	74	74	73	73	74	73	71	70	71	72	73	73	73	73	71.0
16 INCHES	MAX	74	73	73	72	71	69	69	-	69	70	71	71	72	72	73	73	74	74	74	73	74	74	73	73	71	72	73	72	74	73	73	72.3
	MIN	73	73	71	70	69	68	68	-	68	69	70	70	71	71	72	72	73	73	74	73	73	73	73	71	70	71	72	73	71	72	72	71.3
32 INCHES	MAX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	MIN	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Measured under Kentucky Bluegrass. Instrumentation: Copper-constantan Thermocouples connected to a Brown Electronik Potentiometer.

See Reference Notes Following Station Index

TOTAL PRECIPITATION

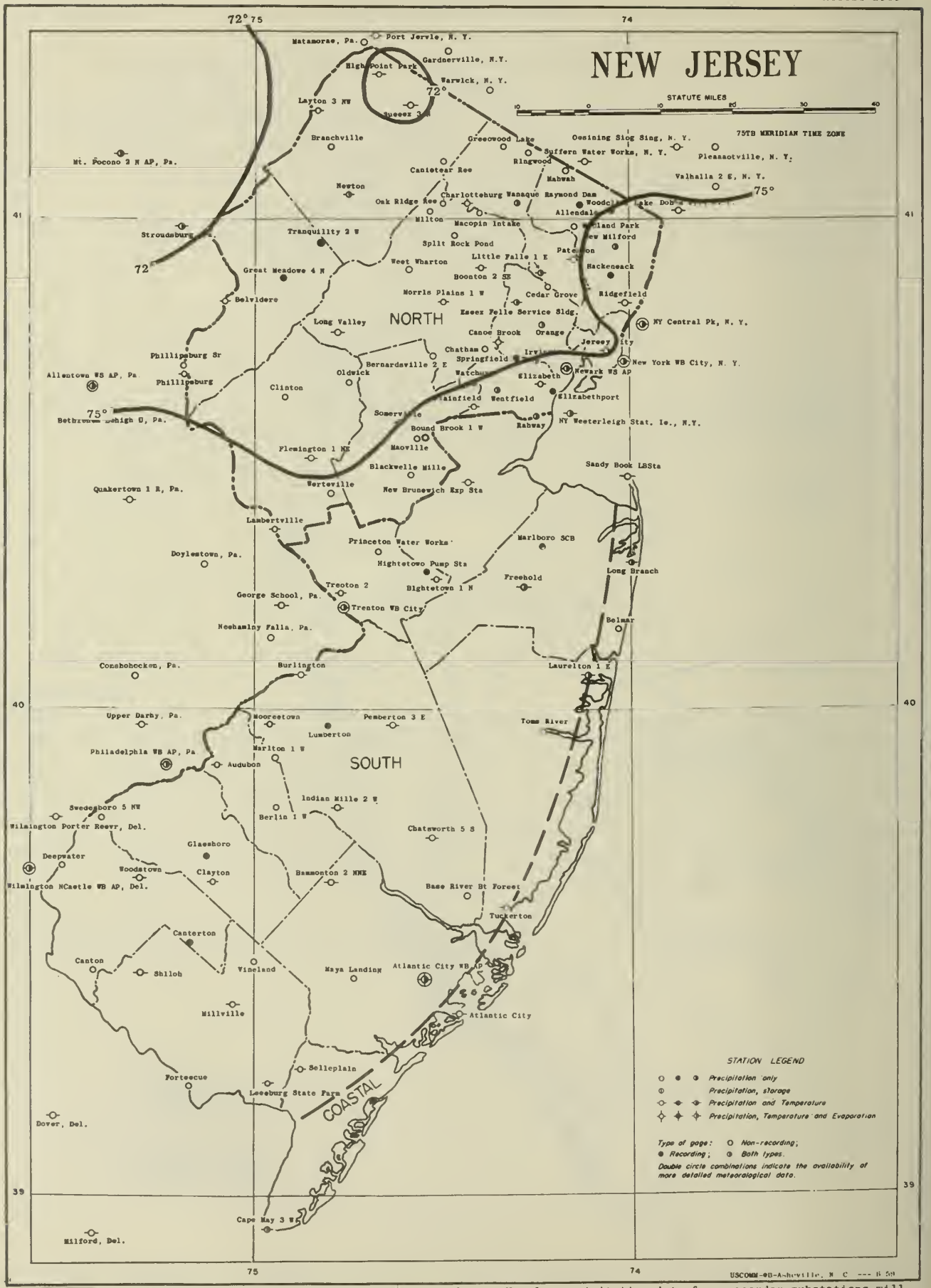
NEW JERSEY
AUGUST 1959



Isolines are drawn through points of approximately equal values. Hourly precipitation data from recorder substations will be available in the publication "Hourly Precipitation Data".

AVERAGE TEMPERATURE

NEW JERSEY
AUGUST 1959



Isolines are drawn through points of approximately equal values. Hourly precipitation data from recorder substations will be available in the publication "Hourly Precipitation Data".

STATION INDEX

STATION	INDEX NO.	COUNTY	DRAINAGE ‡	LATITUDE	LONGITUDE	ELEVATION	OBSERVATION TIME AND TABLES				OBSERVER
							TEMP.	PRECIP.	EVAP.	SPECIAL see notes	
ALLENDALE	0100	BERGEN	8	41 02	74 08	270				C	BERGEN COUNTY ENGINEERS
ATLANTIC CITY WB AP	0311	ATLANTIC	1	39 27	74 35	58	MID	MID	7P	C HJ	U.S. WEATHER BUREAU
# ATLANTIC CITY	0325	ATLANTIC	1	39 23	74 26	10	MIO	MID		H	STATE HARINA
AUDUBON	0346	CAMDEN	2	39 54	75 04	50	11P	11P			IRVIN J. NYGREN
BASS RIVER ST FOREST	0528	BURLINGTON	1	39 37	74 26	20		6P		H	M.J. FORESTRY SERVICE
BELLEPLAIN	0690	CAPE MAY	1	39 16	74 52	49	5P	5P			MRS. EO C. HOFFMAN
BELMAR	0721	MONMOUTH	1	40 10	74 02	19		8A			BELMAR WATER WORKS
BELVIDERE	0729	WARREN	2	40 50	75 05	275	5P	5P		H	CLEMENT HAUPT
BERNARDSVILLE 2 E	0797	SOMERSET	8	40 43	74 32	240		7A			BERNARDS WATER COMPANY
BLACKWELLS HILLS	0847	SOMERSET	10	40 29	74 35	27		7A			HENRY M. MILLER
BOONTON 2 SE	0907	MORRIS	8	40 54	74 24	280	8A	8A			JERSEY CITY WATER WORKS
BOUND BROOK 1 W	0927	SOMERSET	10	40 33	74 33	20		8A			AMERICAN CYANAMID CO.
BRANCHVILLE	0978	SUSSEX	2	41 09	74 45	570		7A			ALBERT M. DAVENPORT
BURLINGTON	1211	BURLINGTON	2	40 04	74 53	12	6P	6P			PUBLIC SVC. E. + G. CO.
CANISTEAR RESERVOIR	1327	SUSSEX	8	41 07	74 30	1040		8A			NEWARK WATER DEPARTMENT
CAMOE BROOK	1335	ESSEX	8	40 45	74 21	180	9A	9A	9A		COMMONWEALTH WATER CO.
CANTON	1343	SALEM	2	39 28	75 25	20		9A			GERTRUDE S. WILLIS
CAPE MAY 3 W	1351	CAPE MAY	1	38 56	74 57	17	5P	5P		C	N.WEST MAGNESITE CO.
CEDAR GROVE	1472	ESSEX	8	40 52	74 13	400		8A			J. A. PLUNKETT
CENTERTON	1512	SALEM	6	39 31	75 10	80				C	JOHN HOPKINS UNI.
CHARLOTTEBURG	1582	PASSAIC	8	41 03	74 26	760	7A	7A		H	NEWARK WATER DEPT.
CHATHAM	1590	MORRIS	8	40 44	74 23	185		8A			EDWARD P. MOLITOR
CHATSWORTH 5 S	1598	BURLINGTON	1	39 44	74 32	90	5P	5P			INACTIVE 5/58
CLAYTON	1708	GLOUCESTER	6	39 39	75 06	120	6P	6P		H	HARRY P. CAMPBELL
CLIMTON	1749	HUNTERDON	10	40 38	74 55	300		6P			L. W. KLOCKNER
ELIZABETH	2644	UNION	1	40 40	74 14	33	5P	5P			UNION CO. PARK COMM.
ELIZABETHPORT	2652	UNION	8	40 39	74 12	30		MIO		C	SEWAGE TREATMENT PLANT
ESSEX FELLS SERV BLDG	2768	ESSEX	8	40 50	74 18	250	8A	8A		C	BOROUGH ESSEX FELLS
FLEMINGTON 1 NE	3029	HUNTERDON	10	40 31	74 51	134	5P	5P		H	DONALD YOUNG
FORTESCUE	3102	CUMBERLAND	2	39 14	75 10	5		7A			JOHN LOPER
FREEHOLD	3181	MONMOUTH	10	40 15	74 17	194	6P	6P		C H	FRANK J. MOREAU
GLASSBORO	3291	GLOUCESTER	2	39 42	75 07	150				C	PROF. J. B. SAMGREE
GREAT MEADOWS 4 N	3416	WARREN	2	40 56	74 55	540				C	GAMMA CHEMICAL CORP.
GREENWOOD LAKE	3516	PASSAIC	8	41 09	74 20	660		7A			GEORGE T. WIGGINS
HACKENSACK	3572	BERGEN	4	40 53	74 03	10				C	BERGEH COUNTY ENGINEERS
HAMMONTON 2 NNE	3662	ATLAHTIC	7	39 39	74 48	85	8A	8A			W. HUBBARD PARKHURST
HIGH POINT PARK	3935	SUSSEX	2	41 18	74 40	1570	8A	8A			N. J. DEPT. OF CONS.
HIGHTSTOWN 1 N	3951	MERCER	10	40 16	74 31	100	8P	8P		H	JAMES R. PICKERING
HIGHTSTOWN PUMPING STA	3956	MERCER	10	40 17	74 32	75				C	DEPT. WATER + SEWAGE
INDIAN MILLS 2 W	4229	BURLINGTON	7	39 48	74 47	100	7P	7P		H	EDWARD ENTWISTLE
IRVINGTON	4260	ESSEX	1	40 43	74 15	120		MID		C	JOINT MEETING GARAGE
JERSEY CITY	4339	HUDSON	1	40 44	74 04	135	M+D	MIO			JERSEY CITY WATER DEPT.
LAMBERTVILLE	4635	HUNTERDON	2	40 22	74 57	75	6P	6P		H	E. E. CASE
LAURELTON 1 E	4700	OCEAN	1	40 04	74 07	20	MID	MID		C H	GEORGE G. WADDILL
LAYTON 3 Hw	4735	SUSSEX	2	41 15	74 51	480	6P	6P		H	A. M. DEPUE
LITTLE FALLS 1 E	4887	PASSAIC	8	40 53	74 14	157	9A	9A		C H	PASSAIC VLY. WTR. COMM.
LONG BRANCH	4987	MONMOUTH	1	40 18	73 59	34	MID	MIO		C HJ	WILLIAM O. HARTIN, JR.
LONG VALLEY	5003	MORRIS	10	40 48	74 46	660	6P	6P		H	ARTHUR BARKMAN
LUMBERTON	5055	BURLINGTON	2	39 58	74 48	25				C	JAMES LAWTON
MACOPIN INTAKE	5071	PASSAIC	8	41 01	74 24	584		9A			NEWARK WATER DEPT.
MAHWAH	5104	BERGEN	8	41 06	74 10	253		7A			ROBERT G. GLASGOW
MAHWILLE	5197	SOMERSET	10	40 33	74 34	50		MID			JOHN L. RADCLIFFE
MARLBORO SCS	5244	MONMOUTH	1	40 20	74 14	120				C	GEROW BRILL
MAYS LANDING	5346	ATLAHTIC	3	39 27	74 44	50		5P		H	ELMER EARLE
MIDLAND PARK	5503	BERGEN	1	40 59	74 09	210		MID			RIDGEWOOD WATER CO.

STATION	INDEX NO.	COUNTY	DRAINAGE ‡	LATITUDE	LONGITUDE	ELEVATION	OBSERVATION TIME AND TABLES				OBSERVER
							TEMP.	PRECIP.	EVAP.	SPECIAL see notes	
MILLVILLE	5576	CUMBERLAND	6	39 24	75 03	60	8A	8A		C H	L. J. GALLAHER
MILTON	5597	MORRIS	8	41 01	74 32	950		7A			JERSEY CITY WATER WKS.
MOORESTOWN	5728	BURLINGTON	2	39 58	74 58	55	MIO	8A		H	M. J. WILLARO
MORRIS PLAINS	5769	MORRIS	8	40 50	74 30	500	8A	8A		H	JAMES C. LONG
NEWARK WB AIRPORT	6026	ESSEX	1	40 42	74 10	11	MID	MIO		C HJ	U.S. WEATHER BUREAU
NEW BRUNSWICK EXP STA	6062	MIDDLESEX	10	40 28	74 26	80	5P	5P		GH	ARTHUR M. AHLQUIST
NEW MILFORD	6146	BERGEN	4	40 57	74 02	12		MID		C	HACKENSACK WATER CO.
NEWTON	6177	SUSSEX	2	41 03	74 45	565	8A	8A		C H	NEWTON WTR. + SWR.COMM.
OAK RIDGE RESERVOIR	6460	PASSAIC	8	41 02	74 30	870		8A			NEWARK WATER DEPT.
OLDWICK	6544	HUNTERDON	10	40 40	74 45	260		8A			DAN A. COUGHLIN
ORANGE	6560	ESSEX	8	40 47	74 14	140		MID		C	COUNTY ENGINEER
PATERSON	6775	PASSAIC	8	40 55	74 09	100	8A	8A		H	P. J. DEL VECCHIO
PEMBERTON 3 E	6843	BURLINGTON	2	39 58	74 38	60	5P	5P		H	PHILIP E. MARUCCI
PHILLIPSBURG	6974	WARREN	2	40 41	75 12	182	3P	3P		H	SEWAGE DISPOSAL PLANT
PHILLIPSBURG BRIDGE	6979	WARREN	2	40 42	75 12	196		9A			JOINT TOLL BRIDGE COMM.
PLAINFIELD	7079	UNION	10	40 36	74 25	120	8P	8P		H	MRS VIVIAN SCHERER
PRINCETON WATER WORKS	7328	MERCER	10	40 19	74 40	90		MID			PRINCETON WATER CO.
RAHWAY	7393	UNION	9	40 36	74 15	20		MIO		C H	RAHWAY VLY. SWG. AUTH.
RIDGEFIELD	7545	BERGEN	4	40 50	74 01	80	MID	MIO		H	GEORGE P. KIRSTEN
RIMGWOOD	7587	PASSAIC	8	41 08	74 16	305		10A			NO. JERSEY WTR. SUPPLY
SHILOH	8051	CUMBERLAND	2	39 28	75 18	120	5P	5P			EVERETT DICKINSON
SOMERVILLE	8194	SOMERSET	10	40 34	74 37	75	6P	6P		H	W. E. HAVER
SPLIT ROCK POHO	8402	MORRIS	8	40 58	74 28	800		10A			JERSEY CITY D. P. W.
SPRINGFIELD	8423	UNION	1	40 43	74 18	-				C	N. J. DEPT. OF CONS.
SUSSEX 3 N	8644	SUSSEX	3	41 14	74 35	530	7A	7A			BRICE B. STANTOM
TOMS RIVER	8816	OCEAN	1	39 57	74 14	10		5P			ROBERT F. SNYDER
TRANQUILITY 2 W	8858	WARREN	2	40 57	74 50	551				C	M. J. ERVEY
# TRENTON WB CITY	8883	MERCER	2	40 13	74 46	56	MIO	MIO		C HJ	U.S. WEATHER BUREAU
TUCKERTON	8899	OCEAN	1	39 36	74 20	10	6P	6P			REV. EDWARD O. MEGILL
WANAQUE RAYMOND DAM	9187	PASSAIC	8	41 03	74 18	320		8A		C H	WATER SUPPLY COMM.
WATCHUNG	9271	UNION	8	40 40	74 25	-				C	BONNIE BURN SANITARIUM
WERTSVILLE	9363	HUNTEROON	10	40 27	74 48	160		7A			ROBERT M. HAMMERS
# WESTFIELD	9455	UNION	9	40 39	74 21	138		5P		C	CITY ENGINEER
WEST WHARTON	9608	MORRIS	8	40 54	74 36	680		7A			N.J. POWER + LIGHT CO.
WOODCLIFF LAKE	9832	BERGEN	4	41 01	74 03	103		MIO		C	HACKENSACK WATER CO.
WOODSTOWN	9910	SALEM	2	39 39	75 19	50	5P	5P			CREAM VALLEY DAIRY
PUBLICATIOH EHDEO											
SANDY HOOK L8STA	7869	HONMOUTH	1	40 28	74 01	20	7P	7P			EFFECTIVE 8/59

‡ 1—COASTAL; 2—DELAWARE; 3—GREAT EGG HARBOR; 4—HACKENSACK; 5—HUDSON; 6—MAURICE; 7—MULLICA; 8—PASSAIC; 9—RAHWAY; 10—RARITAN; 11—ROCKAWAY

REFERENCE NOTES

Additional information regarding the climate of New Jersey may he ohtained hy writing to the State Climatologist at Weather Bureau Office, c/o Gsnsral Delivery, Trenton, New Jersey or to any Weather Bureau Office near you.

Figures and letters following the station name, such as 12 SSW, indicate distance in miles and direction from the post office.

Delayed data and corrections will he carried only in the June and Decemher issues of this hulletin.

Monthly and seasonal snowfall and heating degree days for the preceding 12 months will he carried in the June issue of this hulletin.

Stations appearing in the Index, hut for which data are not listed in the tahles, either are missing or were received too late to he included in this issue.

Divisions, as used in "Climatological Data" Tahle and on the maps, hecame effective with data for Septemher 1956.

Unless otherwise indicated, dimensional units used in this hulletin are: Temperature in °F, precipitation and evaporation in inches and wind movement in miles. Monthly degree day totals are the sums of the negative departures of average daily temperatures from 65° F.

Evaporation is measured in the standard Weather Bureau type pan of 4 foot diameter unless otherwise shown hy footnote following the "Evaporation and Wind" Tahle. Max and Min in "Evaporation and Wind" Tahle refer to extremes of temperature of water in pan as recorded during 24 hours snding at time of ohservation.

Long-term means for full-time stations (those shown in the Station Index as "U. S. Weather Bureau") are hased on the period 1921-1950, adjusted to represent ohsservations taken at the present location. Long-term means for all stations except full-time Weather Bureau stations are hased on the period 1931-1955.

Water equivalent values puhlished in the "Snowfall and Snow on Ground" Tahle are the water equivalent of snow, sleet, or ice on the ground. Samples for ohtaining measurements ars taken from different points for successive ohservations; consequently occasional drifting and other causes of local variahility in the snowpack result in apparent inconsistencies in the record.

Entries of snowfall in the "Climatological Data" Tahle and the "Snowfall and Snow on Ground" Tahle, and in the "Seasonal Snowfall" Tahle include snow and sleet. Entries of snow on ground include snow, sleet and ice.

Data in ths "Daily Precipitation" Tahle; "Daily Temperature" Tahle; and "Evaporation and Wind" Tahle, and snowfall in the "Snowfall and Snow on Ground" Tahle, when puhlished, are for the 24 hours ending at time of ohservation. The Station Index shows ohservation times in local standard time. During the summer months some ohservers take the ohservations on daylight saving time.

Snow on ground in the "Snowfall and Snow on Ground" Tahle is at ohservation time for all except Weather Bureau and FAA stations. For these stations snow on ground values are at 7:00 a.m., E.S.T.

In the Station Index the letters C, G, H, and J in the "Special" column under the heading "Ohservation Tims and Tahles", indicate the following:

C Recording Rain Gage Station. Hourly precipitation valuss are processed for special purposes, and are puhlished later in "Hourly Prscipitation Data" Bulletin.

G "Soil Temperature" Tahle.

H "Snowfall and Snow on Ground" Tahle. Omission of data in any month indicates no snowfall and/or snow on ground in that month.

J "Supplemental Data" Tahle.

OTHER REFERENCE NOTES

No record in the "Climatological Data" Tahle and the "Daily Temperature" Tahle is indicated hy no entry.

Interpolated values for monthly prscipitation totals may he found in ths annual issue of this puhlication.

\- No record in the "Daily Precipitation" Tahle; "Evaporation and Wind" Tahle; "Daily Soil Temperature" Tahle; "Snowfall and Snow on Ground" Tahle; and the Station Index.

\+ And also on an earlier date or dates.

++ Fastest ohserved ons minute wind speed. This station is not equipped with automatic wind instruments.

* Amount included in following msasurement, time distrihution unknown.

\# Thermometers ars generally exposed in a shelter located a few feet ahove sod-covered ground; however, the reference indicates that the thermometers are exposed in a sheltsr located on the roof of a huilding.

// Gage is equipped with a windshield.

AR This entry in time of ohservation column in Station Index means after rain.

AM Data hased on ohservational day ending hefore noon.

B Adjusted to a full month.

D Water equivalent of snowfall wholly or partly estimated, using a ratio of 1 inch water equivalent to every 10 inches of new snowfall.

M One or more days of record missing; if average value is entersd, less than 10 days record is missing. See "Daily Temperature" Tahle for detailed daily record. Degree day data, if carried for this station, have heen adjusted to represent the value for a full month.

R Amounts from recording gage. (These amounts are essentially accurate hut may vary slightly from the amounts to he puhlished later in Hourly Precipitation Data.)

SS This entry in time of ohservation column in Station Indsx means ohservation made near sunset.

T Trace, an amount too small to measure.

V Incłudes total for prsvious month.

X Ohservation time is 1:00 a.m., E.S.T. of the following day.

VAR This entry in time of ohservation column in Station Index means variahle.

General weathsr conditions in the U. S. for each month are descrihsd in the puhlications MONTHLY WEATHER REVIEW, MONTHLY CLIMATOLOGICAL DATA-NATIONAL SUMMARY, and STORM DATA, all of which may he ohtained from the Superintendent of Documents, Government Printing Office, Washington 25, D. C.

Information concerning the history of changes in locations, elevations, exposure etc., of suhstations through 1955 may he found in the puhlication "Suhstation History" for this state. That puhlication may he ohtained from the Superintendent of Documents, Government Printing Office, Washington 25, D. C. for 15 cents. Similar information for regular Weather Bureau stations may he found in the latest annual issue of Local Climatological Data for the rsspective stations, obtained as indicated ahove, price 15 cents.

Suhscription Price: 20 cents per copy, monthly and annual; $2.50 per ysar. (Yearly suhscription includss the Annual Summary). Checks, and money orders should he made payahle to the Superintendent of Documents. Remittance and correspondence regarding suhscriptions should he sent to the Superintsndent of Documents, Government Printing Office, Washington 25, D. C.

USCOMM-WB-Asheville, N. C. ---10/2/59 --- 775

551.05
UNNJ

U. S. DEPARTMENT OF COMMERCE
FREDERICK H. MUELLER, Secretary
WEATHER BUREAU
F. W. REICHELDERFER, Chief

CLIMATOLOGICAL DATA

NEW JERSEY

SEPTEMBER 1959
Volume LXIV No. 9



ASHEVILLE: 1959

The Library of the
NOAA
Universities

NEW JERSEY - SEPTEMBER 1959

TEMPERATURE AND PRECIPITATION EXTREMES

Highest Temperature: 99° on the 9th at Phillipsburg

Lowest Temperature: 29° on the 19th at Newton

Greatest Total Precipitation: 4.63 inches at Moorestown

Least Total Precipitation: 0.25 inch at Cape May 3 W

Greatest One-Day Precipitation: 3.31 inches on the 1st at West Wharton

SPECIAL WEATHER SUMMARY

Extremely hot weather during August moderated only slightly in September and average temperatures were of record or near record proportions. Newark set a new record with average temperature 4.7° above normal, the hottest September since observations began in 1931. Trenton averaged 3.6° above normal, the hottest since 1931, while Atlantic City had the warmest September since 1933. New Brunswick reported the warmest September since 1945. Newark reported 90° or higher on six days and Trenton on three days.

There was a sharp contrast in rainfall between August and September, with most areas considerably below normal for September. Newark and New Brunswick reported no measurable rain from September 4th through 27th.

Donald V. Dunlap,
State Climatologist
U. S. Weather Bureau
Trenton, New Jersey

CLIMATOLOGICAL DATA

NEW JERSEY
SEPTEMBER 1959

Station		Temperature													Precipitation									
											No of Days								Snow, Sleet			No of Days		
											Max		Min											
		Average Maximum	Average Minimum	Average	Departure From Long Term Means	Highest	Date	Lowest	Date	Degree Days	90° or Above	32° or Below	32° or Below	0° or Below	Total	Departure From Long Term Means	Greatest Day	Date	Total	Max Depth on Ground	Date	10 or More	50 or More	1.00 or More
NORTHERN																								
†BELVIDERE		80.0	55.7	67.9	1.9	94	9	36	19+	76	1	0	0	0	3.81	.08	1.64	1	.0	0		4	2	2
BOONTON 2 SE	AM	79.9	54.4	67.2	3.7	93	10	35	19	83	3	0	0	0	2.21	- 2.07	1.76	1	.0	0		3	1	1
CANOE BROOK	AM	80.2	56.3	68.3	4.2	91	10	35	18	79	3	0	0	0	3.41	- .98	1.53	1	.0	0		3	2	2
CHARLOTTEBURG	AM	78.2	51.0	64.6	2.0	91	10	31	18	125	1	0	2	0	1.54	- 2.86	1.12	1	.0	0		3	1	1
ELIZABETH		83.0	58.3	70.7	3.5	95	9	38	19+	42	7	0	0	0	2.49	- 1.85	2.20	1	.0	0		2	1	1
ESSEX FELLS SERV BLDG	AM	81.1	55.3	68.2		92	10	34	19	68	2	0	0	0	2.69		1.67	1	.0	0		2	2	1
FLEMINGTON 1 NE		82.5	54.9	68.7	1.9	95	9	31	18	67	4	0	1	0	2.27	- 1.22	1.17	9	.0	0		3	2	1
HIGH POINT PARK	AM	76.5	51.6	64.1		89	10	30	17	123	0	0	1	0	2.87				.0	0		7		0
JERSEY CITY		76.7	60.8	68.8	1.8	90	9	42	18	59	1	0	0	0	1.78	- 2.08	.75	1	.0	0		3	2	0
LAMBERTVILLE		82.8	56.6	69.7	3.7	94	9	37	19+	56	5	0	0	0	1.26	- 2.03	.75	1	.0	0		2	1	0
LAYTON 3 NW		79.4	53.2	66.3	4.2	90	10+	34	18+	94	2	0	0	0	3.43	- .32	.71	2	.0	0		10	3	0
LITTLE FALLS 1 E	AM	82.9	56.8	69.9	4.2	95	10	37	19	56	7	0	0	0	3.40	- 1.20	1.85	1	.0	0		4	2	2
LONG VALLEY		79.7	53.0	66.4		93	9	30	18	93	1	0	2	0	1.54	- 2.35	.75	1	.0	0		4	1	0
MORRIS PLAINS	AM	79.9	54.9	67.4		91	10	34	19+	83	1	0	0	0	1.85		.91	1	.0	0		4	2	0
NEWARK WB AIRPORT	R	81.3	61.6	71.5	4.7	93	23	43	18	39	6	0	0	0	2.45	- 1.44	2.22	1	.0	0		2	1	1
NEWTON	AM	79.3	51.2	65.3	2.2	92	10	29	19	119	2	0	1	0	3.33	- .53	1.39	3	.0	0		4	3	2
PATERSON	AM	82.1	58.7	70.4	4.0	94	10	41	18	45	8	0	0	0	3.82	- .37	1.94	1	.0	0		3	2	2
PHILLIPSBURG		83.9	56.4	70.2	5.0	99	9	36	18	50	8	0	0	0	3.12	- .90	1.75	3	.0	0		4	2	1
PLAINFIELD		81.9	57.4	69.7	3.6	93	9	35	18	54	5	0	0	0	1.03	- 3.48	.86	1	.0	0		2	1	0
RIDGEFIELD		82.0	59.1	70.6	4.6	92	9	39	19	54	6	0	0	0	1.72	- 2.44	1.21	1	.0	0		3	1	1
SOMERVILLE		82.0	56.3	69.2	3.2	94	9	34	18	59	4	0	0	0	1.26	- 2.18	.73	1	.0	0		2	1	0
SUSSEX 3 N	//	78.9	52.0	65.5	1.7	93	10	32	19	119	2	0	1	0	2.18	- 1.48	.63	1	.0	0		5	1	0
DIVISION				68.2	3.2										2.36	- 1.67			.0					
SOUTHERN																								
ATLANTIC CITY WB AP		79.1	60.3	69.7	2.3	89	9	39	18	48	0	0	0	0	1.48	- 1.89	.92	1	.0	0		3	1	0
AUDUBON		83.3	59.8	71.6		96	9	38	18	37	8	0	0	0	2.44		1.68	2	.0	0		3	1	1
BELLEPLAIN		79.4	58.6	69.0		89	24	34	18	55	0	0	0	0	.53	- 3.51	.24	29	.0	0		2	0	0
BURLINGTON		83.0	60.0	71.5	2.7	90	24+	40	18	34	4	0	0	0	1.96	- 1.77	1.05	1	.0	0		3	2	1
CLAYTON		80.5	59.6	70.1		91	9	39	18	53	1	0	0	0	.74		.42	2	.0	0		3	0	0
FREEHOLD		81.2	58.2	69.7	3.3	92	9	38	19+	55	2	0	0	0	1.20	- 2.67	.57	4	.0	0		3	1	0
HAMMONTON 2 NNE	AM	81.9	56.8	69.4	1.8	94	10	36	19	57	5	0	0	0	1.32	- 2.17	.47	1	.0	0		4	0	0
HIGHTSTOWN 1 N		80.8	57.5	69.2	3.1	93	9	36	18	59	2	0	0	0	1.35	- 2.76	.70	1	.0	0		3	1	0
INDIAN MILLS 2 W		82.0	55.5	68.8	1.8	95	9	30	18	68	4	0	1	0	1.47	- 1.98	.92	2	.0	0		4	1	0
†LAURELTON 1 E		80.7	56.9	68.8	3.0	92	24	35	18	60	3	0	0	0	2.08	- 1.66	.95	1	.0	0		4	2	0
MILLVILLE	AM	81.2	59.9	70.6		91	10+	40	18	46	2	0	0	0	1.65		.73	28	.0	0		4	1	0
MOORESTOWN		81.0	59.2	70.1	3.8	94	9	37	18	48	1	0	0	0	4.63	.96	1.78	4	.0	0		4	3	3
NEW BRUNSWICK EXP STA		81.1	57.0	69.1	2.5	91	9	37	18	60	2	0	0	0	.78	- 3.41	.42	1	.0	0		3	0	0
PEMBERTON 3 E		82.6	56.5	69.6	2.1	93	9	34	18	54	3	0	0	0	2.32	- 1.37	1.14	1	.0	0		4	2	1
SHILOH		81.1	60.0	70.6	2.6	90	9	40	18	40	1	0	0	0	.93	- 2.98	.49	3	.0	0		3	0	0
TRENTON WB CITY	R	80.2	61.0	70.6	3.6	93	9	43	18	48	3	0	0	0	1.28	- 2.47	.82	2	.0	0		3	1	0
TUCKERTON																								
WOODSTOWN		82.4	58.9	70.7		94	9	37	18	43	2	0	0	0	2.97		2.15	2	.0	0		3	1	1
DIVISION				70.0	3.1										1.69	- 2.09			.0					
COASTAL																								
ATLANTIC CITY	R	76.4	65.2	70.8	2.5	88	9	46	19+	39	0	0	0	0	.39	- 3.12	.25	28				2	0	0
CAPE MAY 3 W		80.1M	64.7M	72.4M		87	4	45	19	25	0	0	0	0	.25		.11	1	.0	0		1	0	0
LONG BRANCH	R	79.1	60.5	69.8	3.7	91	24	40	18	48	1	0	0	0	1.35	- 2.66	1.08	1	.0	0		2	1	1
DIVISION				71.0	3.3										.66	- 3.08			.0					

†DATA RECEIVED TOO LATE TO BE INCLUDED IN DIVISION AVERAGES

SUPPLEMENTAL DATA

Station	Wind direction		Wind speed m. p. h.				Relative humidity averages percent				Number of days with precipitation							Percent of possible sunshine	Average sky cover sunrise to sunset
	Prevailing	Percent of time from prevailing	Average	Fastest mile	Direction of fastest mile	Date of fastest mile	1:00 a EST	7:00 a EST	1:00 p EST	7:00 p EST	Trace	.01–09	.10–49	.50–99	1.00–1.99	2.00 and over	Total		
ATLANTIC CITY WB AIRPORT	S	11	10.0	-	-	-	88	87	54	78	4	2	2	1	0	0	9	-	5.0
ATLANTIC CITY	-	-	9.4	24	NE	16	-	-	-	-	0	3	2	0	0	0	5	77	-
LONG BRANCH	SE	13	11.5	28	N	12	-	84	60Ø	67	2	3	1	0	1	0	7	78	4.2
NEWARK WB AIRPORT	SW	13	8.3	23++	NNW	11	77	80	49	63	4	3	1	0	0	1	9	-	4.7
TRENTON WB CITY	-	-	7.3	25	N	11	-	-	-	-	1	3	2	1	0	0	7	83	4.5

Ø 12:00 Noon

See Reference Notes Following Station Index

DAILY PRECIPITATION

NEW JERSEY
SEPTEMBER 1959

Station	Total	Day of month																														
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
ATLANTIC CITY W8 AP	1.48	.92	T	.11								T					.01	T	T									.43	.01		
ATLANTIC CITY R	.39	.02		.10								.01						.01										.25			
AUDUBON	2.44	.35	1.68	.41													T											T	T		
BASS RIVER ST FOREST	1.81	*	.61	.64								.01					.02												.53		
BELLEPLAIN	.53	.21										.03						.05											.24		
BELMAR	1.29	.11	.50	.21	.30													.03		T								.14			
BELVIDERE	3.81	1.64	1.22	.39	.02							.40							.07									.04		.03	
BERNARDSVILLE 2 E	1.82	.71	.78	.15								T					.01	.01		.06									.10		
BLACKWELLS MILLS	2.48	.52	1.59	.27														.05		T									.05		
BOONTON 2 SE	2.21	1.76	.29	.10								T								.03									.03		
BOUND BROOK 1 W	1.45	.68	.53	.23															T	T									.01		
BRANCHVILLE	2.44	.69	.15	.71								.65					.08												.12	.04	
BURLINGTON	1.96	1.05	.65	.02								.04																	.20		
CANISTEAR RESERVOIR	2.68	1.19	.04	1.05								.09					.05												.26	T	
CANOE BROOK	3.41	1.53	1.46	.31																.04									.07		
CANTON	1.30	.11	.10	1.03																									.06		
CAPE MAY 3 W	.25	.11															.03											.03	.08		
CEDAR GROVE	2.75	1.90	.80	.03																									.02		
CHARLOTTEBURG	1.54	1.12	.12	.13								.05					.02											.02	.08		
CHATHAM	3.22	1.50	1.40	.31													T	T		.01									T		
CLAYTON	.74	.21	.42	.11																											
CLINTON	1.03	.20	.58	.12								.06																	.07		
ELIZABETH	2.49	2.20	.17	.01	T						.01							.01											.09		
ELIZABETHPORT	1.62	1.41	.07								T																	T	.14		
ESSEX FELLS SERV BLDG	2.69	1.67	.95	.04																.03											
FLEMINGTON 1 NE	2.27	.66	.24	.06						1.17	T	.07						T	.03									T	.04	T	
FORTESCUE	2.99	1.16	.35	.52																									.96		
FREEHOLD	1.20	.35	.20	.03	.57												.02												.03		
GREENWOOD LAKE	1.96	1.14	.05	.34								.10					.20											T	.13	T	
HAMMONTON 2 NNE	1.32	.47	.44	.19								.05																	.17		
HIGH POINT PARK	2.87	*	.98	.42							.04	.68					.15								.06	.01			.24	.29	
HIGHTSTOWN 1 N	1.35	.70	.19	.04	.31						T	.05							T										.06		
INDIAN MILLS 2 W	1.47	.30	.92	.11								.02						T											.12		
IRVINGTON	2.74	2.56	.10																T									.07	.01		
JERSEY CITY	1.78	.75	.50	.48													T											.03	.02		
LAMBERTVILLE	1.26	.75	.45	.04		T						T						.02	T												
LAURELTON 1 E	2.08	.95	.25	.75													T	.02									T	.11		T	
LAYTON 3 NW	3.43	.15	.71	.27						T	.64	.64					.25		.10					.13					.27	.27	
LITTLE FALLS 1 E	3.40	1.85	1.27	.16	.10							.01																	.01		
LONG BRANCH R	1.35	1.08	.06	.04							T						.02		T									.15			
LONG VALLEY	1.54	.75	.45	.15								.05																	.12	.02	
MACOPIN INTAKE	2.06	1.18	.53	.19								.07					T												.09		
MAHWAH	1.90	1.09	.17	.12	.03						.03	.32					.03												.11		
MANVILLE	.95	.45	.27	.03													.20														
MAYS LANDING	1.04	.20	.25		.03													.05											.51		
MIDLAND PARK	1.22	.79	.01	.09								.30																	.03		
MILLVILLE	1.65	.15	.38	.36								.03																.73			
MILTON	3.40	2.10	.25	.34								.10								.19		.03							.29	.10	
MOORESTOWN	4.63	1.46	.17	1.13	1.78												.01												.08		
MORRIS PLAINS	1.85	.91	.61	.21	T							T					T			.02								T	.10		
NEWARK W8 AIRPORT R	2.45	2.22	.06	.01							T						T		T									.04	.12	T	
NEW BRUNSWICK EXP STA	.78	.42	.16	.08							T						T												.12		
NEW MILFORD	1.08	.84		.12								.06																	.06		
NEWTON	3.33	1.12	.18	1.39								.52					.02			.02									.06	.02	
OAK RIDGE RESERVOIR	2.88	1.81	.15	.28								.19					.09			.06									.30		
OLDWICK	4.02	1.12	1.60	.44								.79					T	T											.07	T	
ORANGE	2.78	1.12	1.34	.28																									.04		
PATERSON	3.82	1.94	1.42	.03	.04							.36						T								T			.03		
PEMBERTON 3 E	2.32	1.14	.45		.51							.01						.03											.18		
PHILLIPSBURG	3.12	.41	.45	1.75								.51																			
PHILLIPSBURG BRIDGE	3.46	1.20	.10	1.34	.02							.80																			
PLAINFIELD	1.03	.86	.14	T													T		T										.03		
PRINCETON WATER WORKS	1.77	.36	.89	.01								.51					T														
RAHWAY	.35	.25	.04	.02	.03						T						T											T	.01	T	
RIDGEFIELD	1.72	1.21	.06	.22								.06				.02	T		T									.15			
RINGWOOD	2.61	1.90	T	.34		T						.07					.17												.13		
SHILOH	.93	.24	.18	.49																									.02		
SOMERVILLE	1.26	.73	.44	.09																								T			
SPLIT ROCK POND	2.87	1.31	1.01	.31													.05			.05								.02	.12		
SUSSEX 3 N //	2.18	.63	.05	.37								.45					.37	.02		.06									.16	.07	
TOMS RIVER	2.09	.32	.08	1.69																											
TRENTON W8 CITY R	1.28	.25	.82	T								.15					.01											.02	.03		
TUCKERTON		RECORD MISSING																													
WANAQUE RAYMOND DAM	2.90	2.00	.42	.05	.10							.24					.03												.06		
WERTSVILLE	2.74	1.16	.96	.13	T	T						.36	T					.09		.01									.03		
WESTFIELD	2.42	2.34	.08																T											T	
WEST WHARTON	4.45	3.31	.52	.43								.07							T										.12		
WOODCLIFF LAKE	1.09	.42		.41								.15							.03										.08		
WOODSTOWN	2.97	.35	2.15	.47																											

See Reference Notes Following Station Index

DAILY TEMPERATURES

Station		Day Of Month																													Average
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
ATLANTIC CITY WB AP	MAX	85	85	88	87	85	83	84	84	89	84	77	74	76	75	77	66	63	65	67	73	76	85	88	87	75	75	79	80	81	81		79.1
	MIN	75	76	75	69	66	62	63	64	66	69	60	51	52	55	59	52	45	39	40	48	53	61	62	62	60	57	60	69	71	69		60.3
ATLANTIC CITY	MAX	81	82	85	83	83	81	82	80	88	83	77	72	74	73	75	69	62	66	64	68	72	77	80	78	74	74	75	78	78	78		76.4
	MIN	78	77	77	74	71	71	76	69	71	72	62	56	56	60	65	52	47	46	46	52	57	64	68	69	66	68	69	70	73	73		65.2
AUDUBON	MAX	90	88	90	90	91	89	90	89	96	88	77	76	79	77	83	66	66	67	71	76	82	89	92	90	81	82	83	87	89	85		83.3
	MIN	72	73	73	70	64	63	61	65	68	72	62	53	51	55	55	53	46	38	42	48	50	58	60	62	59	55	60	68	71	67		59.8
BELLEPLAIN	MAX	84	88	84	87	80	83	80	82	88	85	80	73	78	77	80	77	64	66	68	73	78	86	85	89	77	75	79	79	79	78		79.4
	MIN	71	75	77	71	65	63	60	60	63	71	64	51	46	50	53	55	41	34	40	42	45	60	61	64	59	55	59	68	69	67		58.6
BELVIDERE	MAX	84	82	85	85	88	87	84	87	94	85	75	75	76	73	77	71	64	64	69	72	85	83	86	86	73	77	80	82	81	84		80.0
	MIN	70	70	70	65	55	59	56	65	68	71	60	45	45	46	49	46	36	36	36	42	41	54	55	59	60	51	60	65	69	67		55.7
BOONTON 2 SE	MAX	79	86	84	90	87	92	88	84	88	93	83	76	76	77	72	77	64	61	62	68	72	79	84	87	85	79	77	81	83	84		79.9
	MIN	59	70	72	65	55	57	54	56	65	69	62	46	47	48	47	47	40	37	35	38	43	53	57	59	59	49	51	58	66	67		54.4
BURLINGTON	MAX	88	84	90	88	90	90	88	89	89	89	81	75	79	78	81	79	65	68	70	75	82	85	86	90	86	83	83	87	88	85		83.0
	MIN	68	68	73	72	65	64	62	63	64	68	57	46	54	57	56	55	45	40	45	50	52	58	62	63	64	57	64	68	72	68		60.0
CANOE BROOK	MAX	83	84	82	88	86	90	88	84	89	91	83	76	75	78	71	79	64	63	62	67	73	81	87	90	89	78	78	81	82	85		80.2
	MIN	72	71	74	68	58	57	57	61	67	72	62	46	45	48	49	49	36	35	37	41	46	54	57	60	60	52	53	65	68	68		56.3
CAPE MAY 3 W	MAX	85	83	85	87	84	83	85	83	85	85	82	78	75		80			66	67	71	77	84	82	82	78	74	79	83	80	80		80.1
	MIN	74	74	74	73	70	70	68	66	72	69	67	55	53				49	46	45	52	61	65	66	68	67	66	67	69	71	70		64.7
CHARLOTTEBURG	MAX	79	85	81	88	84	88	86	82	89	91	79	75	74	74	69	77	60	59	59	68	71	80	84	87	85	77	75	79	80	82		78.2
	MIN	69	69	71	61	49	51	49	54	63	69	58	43	43	40	40	42	35	31	32	34	38	45	54	54	56	45	46	57	65	67		51.0
CLAYTON	MAX	85	84	86	85	87	85	85	86	91	85	80	73	76	75	78	63	64	65	69	73	79	85	88	89	87	77	81	84	86	84		80.5
	MIN	73	73	74	64	66	62	63	65	66	72	64	50	52	58	54	49	41	39	41	46	55	59	60	60	61	55	60	69	69	68		59.6
ELIZABETH	MAX	85	81	88	89	91	90	93	92	95	86	80	77	80	76	80	75	69	67	71	76	82	89	91	90	82	79	82	85	84	85		83.0
	MIN	70	71	74	69	61	59	60	65	69	73	62	50	50	51	54	49	40	38	38	43	48	56	60	60	62	59	56	66	70	65		58.3
ESSEX FELLS SERV BLDG	MAX	89	86	84	84	84	88	89	87	89	92	84	80	78	77	68	81	67	68	65	72	78	80	81	86	90	85	86	76	80	78		81.1
	MIN	67	70	73	63	58	60	62	61	65	68	64	53	50	47	44	44	35	36	34	42	45	50	58	58	58	56	62	60	58	59		55.3
FLEMINGTON 1 NE	MAX	89	84	91	88	90	89	86	89	95	85	78	78	79	74	80	79	63	66	70	74	81	87	91	89	82	80	82	86	83	86		82.5
	MIN	70	72	71	66	57	54	54	61	66	71	59	46	45	48	49	48	39	31	33	34	44	55	56	55	60	49	56	63	68	66		54.9
FREEHOLD	MAX	88	82	89	86	89	87	85	87	92	84	78	74	78	73	80	75	62	66	68	74	81	87	90	89	83	76	80	84	85	83		81.2
	MIN	72	73	74	69	64	60	59	65	67	72	64	49	49	51	53	53	38	39	38	44	48	55	60	60	61	50	55	67	70	67		58.2
HAMMONTON 2 NNE	MAX	84	86	86	89	90	90	87	84	92	94	87	77	74	80	76	80	67	65	67	68	75	82	87	90	80	82	81	84	87	86		81.9
	MIN	67	70	71	72	68	63	57	63	66	66	64	50	47	49	50	53	50	39	36	38	43	47	54	64	61	58	52	54	63	68		56.8
HIGH POINT PARK	MAX	78	84	76	86	85	88	82	84	88	89	75	71	75	73	66	71	60	60	56	65	69	79	85	85	85	72	81	75	78	75		76.5
	MIN	68	64	65	59	57	59	50	51	62	65	50	40	42	42	46	36	30	36	33	39	49	52	57	62	49	52	53	56	63	62		51.6
HIGHTSTOWN 1 N	MAX	88	83	89	87	88	86	86	87	93	83	75	74	78	73	79	72	62	65	67	73	80	86	90	88	80	78	82	85	85	83		80.8
	MIN	72	72	73	69	61	58	57	63	67	72	62	49	47	51	54	52	40	36	38	42	49	56	60	61	61	50	54	66	70	64		57.5
INDIAN MILLS 2 W	MAX	88	85	88	90	89	88	88	89	95	86	78	74	80	77	80	69	64	66	70	75	81	88	91	90	80	79	81	85	85	82		82.0
	MIN	73	73	73	69	59	59	54	59	63	70	63	47	43	47	50	52	39	30	33	40	43	53	55	56	57	49	53	67	69	66		55.5
JERSEY CITY	MAX	80	79	84	86	88	85	79	84	90	78	76	73	75	70	76	60	61	62	68	70	79	85	83	87	74	70	74	75	75	75		76.7
	MIN	71	72	75	71	62	64	63	69	69	73	62	51	53	54	57	48	43	42	43	49	54	61	66	67	63	57	59	67	69	69		60.8
LAMBERTVILLE	MAX	86	86	90	88	90	89	87	88	94	86	81	76	79	76	80	77	63	67	69	75	81	87	90	89	84	79	83	87	92	86		82.8
	MIN	72	73	71	66	62	58	56	65	67	72	62	45	46	50	52	49	37	39	37	43	47	54	56	59	59	51	51	67	67	66		56.6
LAURELTON 1 E	MAX	87	83	88	87	89	85	85	85	90	86	81	76	77	78	81	65	64	68	68	74	84	90	87	92	75	75	79	81	81	82		80.7
	MIN	75	76	71	68	63	61	58	62	66	67	55	48	48	50	53	50	39	35	39	43	47	56	59	59	52	49	54	67	69	68		56.9
LAYTON 3 NW	MAX	85	80	85	84	87	85	85	86	90	90	82	75	74	71	76	78	65	60	70	67	80	83	86	85	78	74	80	81	80	80		79.4
	MIN	70	70	65	64	53	55	54	58	67	72	57	40	40	40	41	45	34	34	35	38	50	50	57	58	57	47	50	70	62	64		53.2
LITTLE FALLS 1 E	MAX	87	89	88	92	91	94	92	87	93	95	84	79	80	80	75	80	66	65	64	72	75	83	84	89	90	83	79	82	85	85		82.9
	MIN	71	70	68	68	58	58	57	63	66	72	62	49	48	49	51	48	40	38	37	42	47	55	59	62	61	51	54	64	70	67		56.8
LONG BRANCH	MAX	86	82	87	88	88	85	80	85	88	83	75	74	75	73	81	63	65	64	67	70	84	88	88	91	74	74	76	80	79	79		79.1
	MIN	74	74	75	71	66	61	61	66	69	70	63	55	53	53	60	54	44	40	47	46	54	59	63	65	55	54	56	67	70	69		60.5
LONG VALLEY	MAX	81	85	87	84	88	87	84	87	93	83	74	73	78	72	77	68	61	64	67	72	81	86	89	87	77	76	81	83	84	83		79.7
	MIN	69	70	71	64	52	52	50	60	63	70	58	45	46	43	48	45	35	30	31	36	42	50	52	53	58	50	52	64	63	67		53.0
MILLVILLE	MAX	84	86	87	89	91	88	87	86	86	91	86	77	75	80	76	80	60	64	68	70	73	79	87	88	87	81	78	82	85	85		81.2
	MIN	73	73	73	72	66	64	63	65	66	69	64	53	55	56	57	55	43	40	42	48	48	53	59	61	62	58	59	66	68	67		59.9
MOORESTOWN	MAX	87	85	88	88	88	87	87	88	94	85	76	74	77	75	79	64	63	64	68	72	80	86	89	88	80	79	82	86	86	84		81.0
	MIN	72	74	71	68	62	61	60	64	69	71	58	50	53	56	53	52	43	37	47	48	54	58	62	63	54	52	59	68	69	67		59.2
MORRIS PLAINS	MAX	83	86	81	89	87	89	88	83	88	91	81	76	77	77	72	77	63	62	64	70	72	79	85	88	87	78	76	80	83	84		79.9
	MIN	70	70	72	65	54	55	52	61	67	71	60	46	50	49	46	46	40	34	34	39	44	52	57	59	60	48	50	62	67	67		54.9
NEWARK WB AIRPORT	MAX	86	83	88	88	90	88	84	91	92	82	79	76	80	74	81	64	65	65	71	76	84	90	93	92	78	75	78	82	83	82		81.3
	MIN	72	74	76	72	66	64	64	68	72	74	61	55	55	56	54	50	45	43	44	48	53	61	65	65	62	59	61	69	71	69		61.6
NEW BRUNSWICK EXP STA	MAX	86	84	90	88	89	87	84	85	91	89	81	75	77	73	78	78	62	65	68	72	80	86	89	88	87	77	76	81	85	83		81.1
	MIN	70	70	73	68	61	57	57	64	67	72	62	47	48	50	53	48	40	37	39	42	48	52	59	60	61	51	54	65	69	65		57.0
NEWTON	MAX	81	85	80	87	81	88	88	84	90	92	82	74	75	75	72	78	61	61	62	69	72	81	86	89	87	77	76	80	83	83		79.3
	MIN	70	69	70	61	51	53	49	53	64	66	58	42	41	41	44	43	33	33	29	34	37	50	53	58	57	41	48	59	63	66		51.2
PATERSON	MAX	85	87	86	90	89	92	91	87	91	94	82	78	75	80	74	81	65	65	67	70	76	82	90	92	92	78	78	80	83	83		82.1
	MIN	69	69	72	67	59	59	60	65	70	73	62	52	51	50	54	47	42	41	42	46	51	56	63	66	62	55	56	64	69	68		58.7
PEMBERTON 3 E	MAX	88	83	91	88	88	86	87	89	93	88	83	76	80	76	80	76	65	69	70	75	81	87	90	89	86	79	82	86	85	83		82.6
	MIN	72	73	74	68	61	61	55	61	64	70	63	48	46	50	53	52	39	34	37	41	45	52	56	58	60	50	54	63	69	65		56.5
PHILLIPSBURG	MAX	87	85	89	90	90	90	89	91	99	95	85	85	78	77	79	78	64	66	70	75	81	87	90	90	88	80	83	85	86	86		83.9
	MIN	71	73	70	67	57	54	55	65	64	67	61	52	47	48	52	48	38	36	37	44	48	54	58	58	60	52	50	68	69	68		56.4
PLAINFIELD	MAX	87	83	91	88	90	89	85	87	93	85	80	78	80	75	80	65	65	66	71	75	82	89	90	90	80	78	79	84	87	85		81.9
	MIN	71	72	74	69	60	57	58	64	69	73	64	49	50	51	52	50	41	35	36	40	47	56	59	60	62	52	52	64	68	66		57.4
RIDGEFIELD	MAX	84	86	88	87	90	89	88	91	92	86	77	75	79	73	80	63	64	64	70	77	82	90	91	91	81	81	84	85	86	86		82.0
	MIN	72	71	76	69	61	61	60	66	71	73	58	51	51	49	52	49	42	40	39	45	53	61	63	67	59	55	57	67	71	65		59.1
SHILOH	MAX	83	84	88	88	89	86	85	86	90	87	80	75	78	77	79	76	65	66	68	72	79	86	82	87	85	76	81	86	84	84		81.1
	MIN	71	75	71	70	66	64	62	66	66	71	63	51	51	55	56	53	42	40	42	48	52	61	59	62	62	56	61	66	71	67		60.0

See Reference Notes Following Station Index

Continued

DAILY TEMPERATURES

NEW JERSEY
SEPTEMBER 1959

Station		Day Of Month																													Average
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
SOMERVILLE	MAX	82	84	90	88	89	88	86	89	94	85	79	76	79	74	80	77	64	65	67	75	82	88	90	90	82	80	81	85	86	86		82.0
	MIN	72	72	73	61	58	56	55	64	67	72	62	48	47	50	51	48	39	34	36	40	45	54	58	59	59	49	55	66	71	67		56.3
SUSSEX 3 N	MAX	80	86	81	87	85	88	89	84	90	93	84	75	75	75	69	77	61	60	59	59	71	80	87	89	87	77	75	80	83	82		78.9
	MIN	68	69	69	62	52	52	52	53	65	67	60	43	43	41	41	41	35	35	32	33	39	51	55	56	56	48	54	60	64	65		52.0
TRENTON WB CITY	MAX	87	83	90	88	90	87	86	87	93	84	75	73	77	73	79	61	61	64	67	72	79	86	88	89	77	78	80	85	85	82		80.2
	MIN	74	75	73	71	67	63	63	68	70	72	58	51	53	56	58	51	44	43	44	50	53	59	64	64	61	57	61	68	71	68		61.0
TUCKERTON	MAX																																
	MIN																																
WOODSTOWN	MAX	86	86	91	89	88	86	88	88	94	88	82	75	79	77	80	70	64	68	69	74	82	87	89	89	87	78	82	86	86	84		82.4
	MIN	70	69	72	68	65	63	60	65	65	71	63	51	50	54	56	54	43	37	40	46	48	56	57	65	60	55	59	68	72	66		58.9

EVAPORATION AND WIND

NEW JERSEY
SEPTEMBER 1959

Station		Day of month																													Total or Avg
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
ATLANTIC CITY WB AIRPORT	EVAP	-	.22	.15	.18	.19	.23	.10	.32	.20	.18	.24	.28	.22	.13	.15	.14	.05	-	.42	.13	-	-	-	.38	.33	.15	.27	.09	.14	.19		B6.10
	WIND	62	83	44	21	71	19	28	30	36	36	131	96	49	44	52	55	95	90	90	60	52	47	64	61	73	36	44	46	100	81		1796
	MAX	86	91	92	94	90	92	89	90	95	93	86	79	84	78	83	83	74	70	76	78	84	90	90	89	82	80	85	86	88	87		85.5
	MIN	76	76	78	74	69	68	66	67	68	75	67	53	54	58	60	59	46	54	46	52	53	60	58	*64	65	61	62	71	72	70		63.4
CANOE BROOK	EVAP	.06	-	-	.15	.22	.12	.19	.10	.14	.12	.17	.18	.14	.18	.14	.13	.12	.12	.10	.11	.12	.11	.14	.13	.15	.11	.15	.11	.06	.08		B3.91
	WIND	18	11	34	2	26	16	18	4	10	19	42	45	23	18	21	50	39	21	18	20	16	20	11	9	19	6	46	18	31	28		659

DAILY SOIL TEMPERATURES

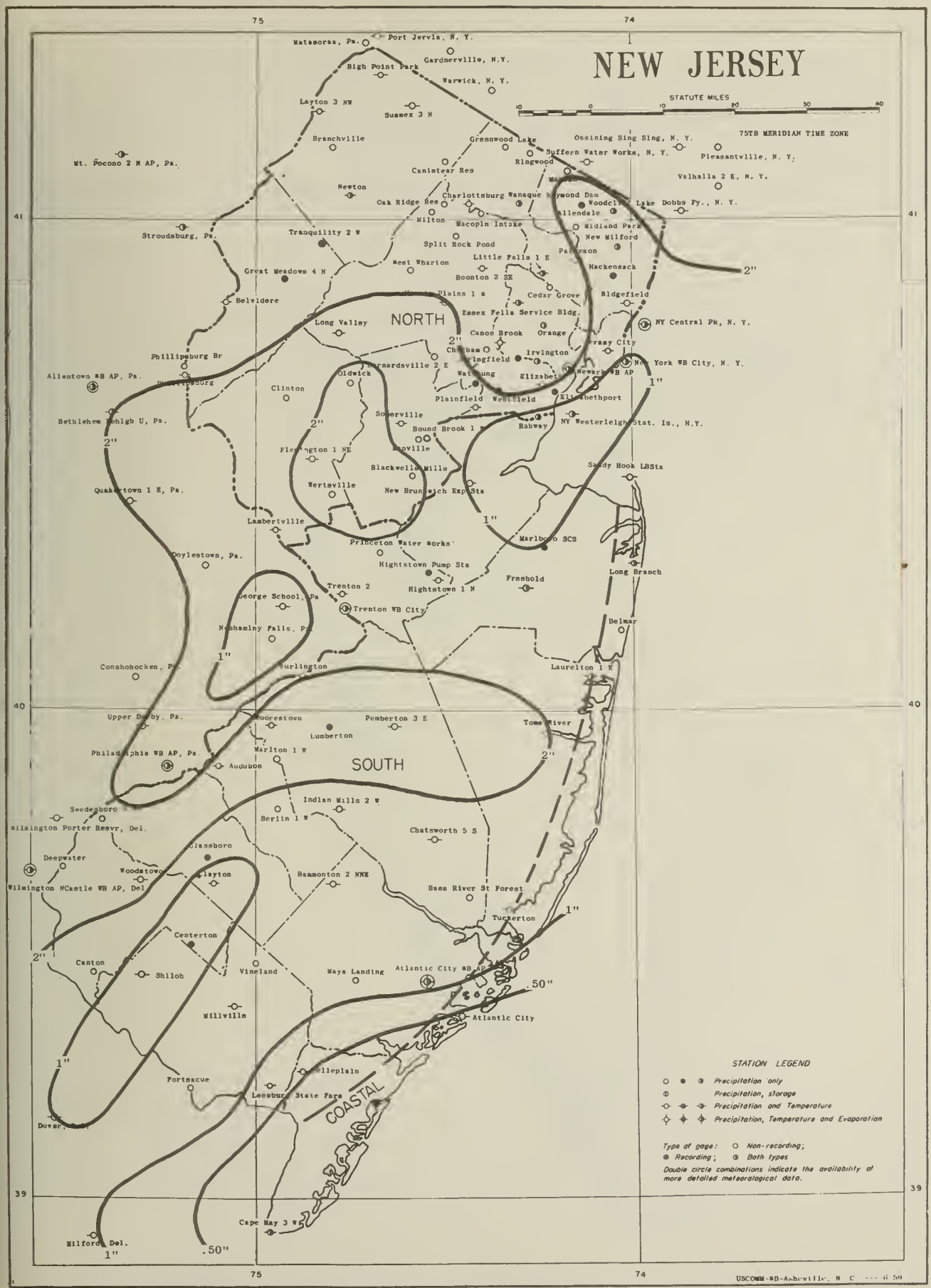
Station		Day of month																													Average
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
NEW BRUNSWICK EXP STATION																															
MEASURED UNDER SOD																															
1 INCH	MAX	83	80	84	83	82	81	81	82	81	79	80	77	77	76	75	67	62	67	73	74	76	80	85	83	77	78	81	79	79	80		78.4
	MIN	72	73	75	74	71	69	67	70	72	74	67	64	62	62	63	60	56	55	53	55	57	61	63	65	62	60	60	68	68	67		64.8
2 INCRES	MAX	81	78	83	82	81	80	79	80	81	79	78	76	76	75	73	68	70	65	70	70	72	75	80	79	76	76	77	77	77	77		76.4
	MIN	73	73	75	75	72	70	68	71	72	74	68	65	64	63	64	63	58	57	55	56	58	62	64	66	63	61	61	68	69	67		65.8
4 INCHES	MAX	79	77	82	81	80	78	78	79	80	78	77	75	75	74	71	68	68	64	67	68	69	-	75	75	74	72	73	75	75	75		72.0
	MIN	73	73	75	75	73	70	69	71	73	74	70	66	65	65	65	63	59	58	56	58	59	62	64	66	65	62	62	68	70	68		66.6
8 INCHES	MAX	76	76	79	79	77	76	75	76	77	76	75	73	72	71	70	69	67	65	65	66	67	68	71	71	70	69	69	71	72	72		72.0
	MIN	73	74	75	75	75	73	73	72	73	74	73	69	68	68	67	67	64	62	60	61	62	64	66	68	68	68	65	68	69	69		66.4
12 INCHES	MAX	74	74	76	76	75	75	74	74	75	75	75	73	71	71	70	70	68	65	65	65	66	66	68	69	69	69	68	69	70	70		70.8
	MIN	73	73	74	75	75	74	73	73	73	73	73	71	70	69	69	68	66	60	63	63	64	65	66	67	68	67	67	68	69	69		69.2
16 INCHES	MAX	73	73	75	75	74	74	79	73	74	74	74	73	72	71	70	69	68	66	65	65	65	66	68	68	69	68	68	69	69	70		70.4
	MIN	72	73	73	74	74	74	73	72	73	74	73	71	70	70	69	68	67	66	64	64	64	65	66	67	68	67	67	67	68	69		69.4

Measured under Kentucky Bluegrass. Instrumentation: Copper-constantan Thermocouples connected to a Brown Electronik Potentiometer.

See Reference Notes Following Station Index

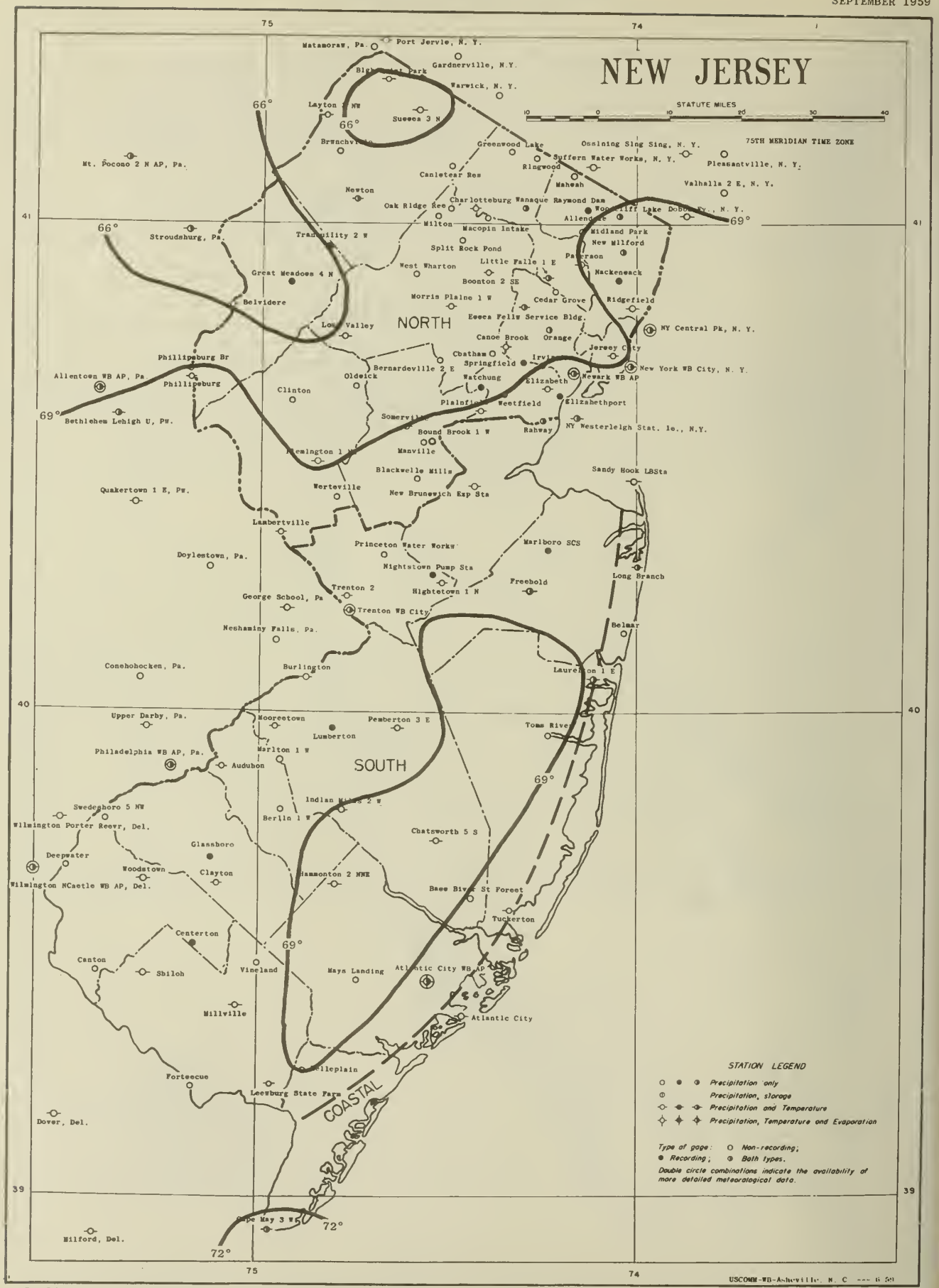
TOTAL PRECIPITATION

NEW JERSEY
SEPTEMBER 1959



Isolines are drawn through points of approximately equal values. Hourly precipitation data from recorder substations will be available in the publication "Hourly Precipitation Data".

AVERAGE TEMPERATURE



Isolines are drawn through points of approximately equal values. Hourly precipitation data from recorder substations will be available in the publication "Hourly Precipitation Data".

STATION INDEX

STATION	INDEX NO.	COUNTY	DRAINAGE ‡	LATITUDE	LONGITUDE	ELEVATION	OBSERVATION TIME AND TABLES: TEMP.	PRECIP.	EVAP.	SPECIAL (SEE NOTES)	OBSERVER
ALLENDALE	0100	BERGEN	8	41 02	74 08	270				C	BERGEN COUNTY ENGINEERS
ATLANTIC CITY WB AR	0311	ATLANTIC	1	39 27	74 35	58	M10	N10	7P	C HJ	U.S. WEATHER BUREAU
ATLANTIC CITY	0325	ATLANTIC	1	39 23	74 26	10	N10	M10		H	STATE MARINA
AUDUBON	0346	CAMDEN	2	39 54	75 04	50	11P	11P			IRVIN J. NYGREN
BASS RIVER ST FOREST	0528	BURLINGTON	1	39 37	74 26	20		6P		H	N.J. FORESTRY SERVICE
BELLEPLAIN	0690	CAPE MAY	1	39 16	74 52	49	5P	5P			MRS. ED C. HOFFMAN
BELMAR	0721	MONMOUTH	1	40 10	74 02	19		8A			BELMAR WATER WORKS
BELVIDERE	0729	WARREN	2	40 50	75 05	275	5P	5P		H	CLEMENT HAUPT
BERNARDSVILLE 2 E	0797	SOMERSET	8	40 43	74 32	240		7A			BERNARDS WATER COMPANY
BLACKWELLS MILLS	0847	SOMERSET	10	40 29	74 35	27		7A			HENRY N. MILLER
BOONTON 2 SE	0907	MORRIS	8	40 54	74 24	280	8A	8A			JERSEY CITY WATER WORKS
BOUND BROOK 1 W	0927	SOMERSET	10	40 33	74 33	20		8A			AMERICAN CYANAMID CO.
BRANCHVILLE	0978	SUSSEX	2	41 09	74 45	570		7A			ALBERT M. DAVENPORT
BURLINGTON	1211	BURLINGTON	2	40 04	74 53	12	6P	6P			PUBLIC SVC. E. + G. CO.
CANISTEAR RESERVOIR	1327	SUSSEX	8	41 07	74 30	1040		8A			NEWARK WATER DEPARTMENT
CANOE BROOK	1335	ESSEX	8	40 45	74 21	180	9A	9A	9A		COMMONWEALTH WATER CO.
CANTON	1343	SALEM	2	39 28	75 25	20		9A			GERTRUDE S. WILLIS
CAPE MAY 3 W	1351	CAPE MAY	1	38 56	74 57	17	5P	5P		C	N.WEST MAGNESITE CO.
CEDAR GROVE	1472	ESSEX	8	40 52	74 13	400		8A			J. A. PLUMKETT
CEMTERTON	1512	SALEM	6	39 31	75 10	80				C	JOHN HOPKINS UNI.
CHARLOTTEBURG	1582	PASSAIC	8	41 03	74 26	760	7A	7A		H	NEWARK WATER DEPT.
CHATHAM	1590	MORRIS	8	40 44	74 23	185		8A			EDWARD P. MOLITOR
CHATSWORTH 5 S	1598	BURLINGTON	1	39 44	74 32	90	5P	5P			INACTIVE 5/58
CLAYTON	1708	GLOUCESTER	6	39 39	75 06	120	6P	6P		H	HARRY P. CAMPBELL
CLINTON	1749	HUNTERDON	10	40 38	74 55	300		6P			L. W. KLOCKNER
ELIZABETH	2644	UNION	1	40 40	74 14	33	5P	5P			UNION CO. PARK COMM.
ELIZABETHPORT	2652	UNION	8	40 39	74 12	30		M10		C	SEWAGE TREATMENT PLANT
ESSEX FELLS SERV BLDG	2768	ESSEX	8	40 50	74 18	250	8A	8A		C	BOROUGH ESSEX FELLS
FLEMINGTON 1 NE	3029	HUNTERDOM	10	40 31	74 51	134	5P	5P		H	DONALD YOUNG
FORTESCUE	3102	CUMBERLAND	2	39 14	75 10	5		7A			JOHN LOPER
FREEHOLD	3181	MONMOUTH	10	40 15	74 17	194	6P	6P		C H	FRANK J. NOREAU
GLASSBORO	3291	GLOUCESTER	2	39 42	75 07	150				C	PROF. J. B. SANGREE
GREAT MEADOWS 4 N	3416	WARREN	2	40 56	74 55	540				C	GANNA CHEMICAL CORP.
GREENWOOD LAKE	3516	PASSAIC	8	41 09	74 20	660		7A			GEORGE T. WIGGINS
HACKENSACK	3572	BERGEN	4	40 53	74 03	10				C	BERGEN COUNTY ENGINEERS
HAMMONTON 2 NNE	3662	ATLANTIC	7	39 39	74 48	85	8A	8A			W. HUBBARD PARKHURST
HIGH POINT PARK	3935	SUSSEX	2	41 18	74 40	1570	8A	8A			N. J. DEPT.OF CONS.
HIGHTSTOWN 1 N	3951	MERCER	10	40 16	74 31	100	8P	8P		H	JAMES R. PICKERING
HIGHTSTOWN PUMPING STA	3956	MERCER	10	40 17	74 32	75				C	DEPT. WATER + SEWAGE
INDIAN MILLS 2 W	4229	BURLINGTON	7	39 48	74 47	100	7P	7P		H	EDWARD ENTWISTLE
IRVINGTON	4260	ESSEX	1	40 43	74 15	120		M1D		C	JOINT MEETING GARAGE
JERSEY CITY	4339	HUDSON	1	40 44	74 04	135	M+O	M10			JERSEY CITY WATER DEPT.
LAMBERTVILLE	4635	HUNTERDON	2	40 22	74 57	75	6P	6P		H	E. E. CASE
LAURELTON 1 E	4700	OCEAN	1	40 04	74 07	20	M10	M1D		C H	GEORGE G. WADDILL
LAYTON 3 NW	4735	SUSSEX	2	41 15	74 51	480	6P	6P		H	A. M. OEPUE
LITTLE FALLS 1 E	4887	PASSAIC	8	40 53	74 14	157	9A	9A		C H	PASSAIC VLY. WTR. COMM.
LONG BRANCH	4987	MONMOUTH	1	40 18	73 59	34	N1D	M1D		C HJ	WILLIAM O. MARTIN, JR.
LONG VALLEY	5003	MORRIS	10	40 48	74 46	660	6P	6P		H	ARTHUR BARKMAN
LUMBERTON	5055	BURLINGTON	2	39 58	74 48	25				C	JAMES LAWTON
MACOPIN INTAKE	5071	PASSAIC	8	41 01	74 24	584		9A			NEWARK WATER DEPT.
MAHWAH	5104	BERGEN	8	41 06	74 10	253		7A			ROBERT G. GLASGOW
MANVILLE	5197	SOMERSET	10	40 33	74 34	50		N1D			JOHN L. RADCLIFFE
MARLBORO SCS	5244	MONMOUTH	1	40 20	74 14	120				C	GEROW BRILL
MAYS LANDING	5346	ATLANTIC	3	39 27	74 44	50		5P		H	ELMER EARLE
MIDLAND PARK	5503	BERGEN	1	40 59	74 09	210		N1D			RIDGEWOOD WATER CO.
MILLVILLE	5576	CUMBERLAND	6	39 24	75 03	60	8A	8A		C H	L. J. GALLAHER
MILTON	5597	MORRIS	8	41 01	74 32	950		7A			JERSEY CITY WATER WKS.
MOORESTOWN	5728	BURLINGTON	2	39 58	74 58	55	M1D	8A		H	M. J. WILLARD
MORRIS PLAINS	5769	MORRIS	8	40 50	74 30	500	8A	8A		H	JAMES C. LONG
NEWARK WB AIRPORT	6026	ESSEX	1	40 42	74 10	11	M1D	M1D		C HJ	U.S. WEATHER BUREAU
NEW BRUNSWICK EXP STA	6062	MIDDLESEX	10	40 28	74 26	80	5P	5P		GH	ARTHUR H. AHLDUIST
NEW MILFORD	6146	BERGEN	4	40 57	74 02	12		M1D		C	HACKENSACK WATER CO.
NEWTON	6177	SUSSEX	2	41 03	74 45	565	8A	8A		C H	NEWTON WTR. + SWR.COMN.
OAK RIDGE RESERVOIR	6460	PASSAIC	8	41 02	74 30	870		8A			NEWARK WATER DEPT.
OLDWICK	6544	HUNTERDON	10	40 40	74 45	260		8A			OAM A. COUGHLIN
ORANGE	6560	ESSEX	8	40 47	74 14	140		N1D		C	COUNTY ENGINEER
PATERSON	6775	PASSAIC	8	40 55	74 09	100	8A	8A		H	P. J. DEL VECCHIO
PEMBERTON 3 E	6843	BURLINGTON	2	39 58	74 38	60	5P	5P		H	PHILIP E. MARUCCI
PHILLIPSBURG	6974	WARREN	2	40 41	75 12	182	3P	3P		H	SEWAGE DISPOSAL PLANT
PHILLIPSBURG BRIDGE	6979	WARREN	2	40 42	75 12	196		9A			JOINT TOLL BRIDGE COMN.
PLAINFIELD	7079	UNION	10	40 36	74 25	120	8P	8P		H	MRS VIVIAN SCHERER
PRINCETON WATER WORKS	7328	MERCER	10	40 19	74 40	90		N10			PRINCETON WATER CO.
RAHWAY	7393	UNION	9	40 36	74 15	20		N1D		C H	RAHWAY VLY. SWG. AUTH.
RIDGEFIELD	7545	BERGEN	4	40 50	74 01	80	M10	N10		H	GEORGE P. KIRSTEN
RINGWOOD	7587	PASSAIC	8	41 08	74 16	305		10A			NO. JERSEY WTR. SUPPLY
SHILOH	8051	CUMBERLAND	2	39 28	75 18	120	5P	5P			EVERETT DICKINSON
SOMERVILLE	8194	SOMERSET	10	40 34	74 37	75	6P	6P		H	W. E. HAVER
SPLIT ROCK POND	8402	MORRIS	8	40 58	74 28	800		10A			JERSEY CITY D. P. W.
SPRINGFIELD	8423	UNION	1	40 43	74 18	–				C	N. J. DEPT.OF CONS.
SUSSEX 3 N	8644	SUSSEX	5	41 14	74 35	530	7A	7A			BRICE B. STANTON
TOMS RIVER	8816	OCEAN	1	39 57	74 14	10		5P			ROBERT F. SNYDER
TRANQUILITY 2 W	8858	WARREN	2	40 57	74 50	551				C	M. J. ERVEY
# TRENTON WB CITY	8883	MERCER	2	40 13	74 46	56	N10	M1D		C HJ	U.S. WEATHER BUREAU
TUCKERTON	8899	OCEAN	1	39 36	74 20	10	6P	6P			REV. EDWARD O. MEGILL
WANAQUE RAYMOND DAM	9187	PASSAIC	8	41 03	74 18	320		8A		C H	WATER SUPPLY COMN.
WATCHUNG	9271	UNION	8	40 40	74 25	–				C	BONNIE BURN SANITARIUM
WERTSVILLE	9363	HUNTERDON	10	40 27	74 48	160		7A			ROBERT N. MANNERS
# WESTFIELD	9455	UNION	9	40 39	74 21	138		5P		C	CITY ENGINEER
WEST WHARTON	9608	MORRIS	8	40 54	74 36	680		7A			N.J. POWER + LIGHT CO.
WOODCLIFF LAKE	9832	BERGEN	4	41 01	74 03	103		M1D		C	HACKENSACK WATER CO.
WOODSTOWN	9910	SALEM	2	39 39	75 19	50	5P	5P			CREAM VALLEY DAIRY

‡ 1-COASTAL; 2-DELAWARE; 3-GREAT EGG HARBOR; 4-HACKENSACK; 5-HUDSON; 6-MAURICE; 7-MULLICA; 8-PASSAIC; 9-RAHWAY; 10-RARITAN; 11-ROCKAWAY

REFERENCE NOTES

Additional information regarding the climate of New Jersey may he ohtained hy writing to tbe State Climatologist at Weather Bureau Office, c/o General Delivery, Trenton, New Jersey or to any Weather Bureau Office near you.

Figures and letters following the station name, such as 12 SSW, indicate distance in miles and direction from the post office.

Delayed data and corrections will be carried only in the June and Decemher issues of this hulletin.

Monthly and seasonal snowfall and heating degree days for the preceding 12 months will he carried in the June issue of this hulletin.

Stations appearing in the Index, hut for which data are not listed in the tahles, either are missing or were received too late to he included in this issue.

Divisions, as used in "Climatological Data" Table and on the maps, became effective with data for September 1956.

Unless otherwise indicated, dimensional units used in this hulletin are: Temperature in °F, precipitation and evaporation in incbes and wind movement in miles. Monthly degree day totals are the sums of the negative departures of average daily temperatures from 65° F.

Evaporation is measured in the standard Weather Bureau type pan of 4 foot diameter unless otherwise shown hy footnote following tbe "Evaporation and Wind" Tahle. Max and Min in "Evaporation and Wind" Tahle refer to extremes of temperature of water in pan as recorded during 24 hours ending at time of ohservation.

Long-term means for full-time stations (those sbown in the Station Index as "U. S. Weather Bureau") are based on the period 1921-1950, adjusted to represent observations taken at the present location. Long-term means for all stations except full-time Weather Bureau stations are based on the period 1931-1955.

Water equivalent values puhlished in the "Snowfall and Snow on Ground" Table are the water equivalent of snow, sleet, or ice on the ground. Samples for ohtaining measurements are taken from different points for successive ohservations; consequently occasional drifting and otber causes of local variability in the snowpack result in apparent inconsistencies in the record.

Entries of snowfall in the "Climatological Data" Table and the "Snowfall and Snow on Ground" Table, and in the "Seasonal Snowfall" Table include snow and sleet. Entries of snow on ground include snow, sleet and ice.

Data in the "Daily Precipitation" Tahle; "Daily Temperature" Tahle; and "Evaporation and Wind" Table, and snowfall in tbe "Snowfall and Snow on Ground" Tahle, when puhlisbed, are for the 24 hours ending at time of ohservation. The Station Index shows ohservation times in local standard time. During the summer montbs some observers take the observations on daylight saving time.

Snow on ground in the "Snowfall and Snow on Ground" Tahle is at ohservation time for all except Weather Bureau and FAA stations. For tbese stations snow on ground values are at 7:00 a.m., E.S.T.

In tbe Station Index the letters C, G, H, and J in the "Special" column under the beading "Ohservation Time and Tables", indicate the following:

C Recording Rain Gage Station. Hourly precipitation values are processed for special purposes, and are puhlisbed later in "Hourly Precipitation Data" Bulletin.

G "Soil Temperature" Table.

H "Snowfall and Snow on Ground" Table. Omission of data in any month indicates no snowfall and/or snow on ground in tbat month.

J "Supplemental Data" Tahle.

OTHER REFERENCE NOTES

No record in the "Climatological Data" Tahle and the "Daily Temperature" Table is indicated by no entry.

Interpolated values for monthly precipitation totals may he found in the annual issue of this publication.

\- No record in the "Daily Precipitation" Tahle; "Evaporation and Wind" Table; "Daily Soil Temperature" Table; "Snowfall and Snow on Ground" Tahle; and the Station Index.

\+ And also on an earlier date or dates.

++ Fastest ohserved one minute wind speed. This station is not equipped with automatic wind instruments.

* Amount included in following measurement, time distribution unknown.

\# Tbermometers are generally exposed in a shelter located a few feet ahove sod-covered ground; bowever, tbe reference indicates tbat the thermometers are exposed in a sbelter located on the roof of a building.

// Gage is equipped with a windshield.

AR Tbis entry in time of ohservation column in Station Index means after rain.

AM Data based on observational day ending hefore noon.

B Adjusted to a full month.

D Water equivalent of snowfall wbolly or partly estimated, using a ratio of 1 inch water equivalent to every 10 inches of new snowfall.

M One or more days of record missing; if average value is entered, less than 10 days record is missing. See "Daily Temperature" Table for detailed daily record. Degree day data, if carried for this station, have heen adjusted to represent the value for a full month.

R Amounts from recording gage. (These amounts are essentially accurate hut may vary slightly from tbe amounts to he puhlished later in Hourly Precipitation Data.)

SS This entry in time of observation column in Station Index means observation made near sunset.

T Trace, an amount too small to measure.

V Incḷudes total for previous montb.

X Observation time is 1:00 a.m., E.S.T. of tbe following day.

VAR Tbis entry in time of ohservation column in Station Index means variable.

General weatber conditions in tbe U. S. for each montb are described in the puhlications MONTHLY WEATHER REVIEW, MONTHLY CLIMATOLOGICAL DATA-NATIONAL SUMMARY, and STORM DATA, all of wbich may he ohtained from the Superintendent of Documents, Government Printing Office, Washington 25, D. C.

Information concerning the history of changes in locations, elevations, exposure etc., of substations through 1955 may be found in tbe puhlication "Substation History" for this state. That puhlication may be obtained from the Superintendent of Documents, Government Printing Office, Washington 25, D. C. for 15 cents. Similar information for regular Weather Bureau stations may be found in the latest annual issue of Local Climatological Data for tbe respective stations, obtained as indicated above, price 15 cents.

Suhscription Price: 20 cents per copy, montbly and annual; $2.50 per year. (Yearly suhscription includes tbe Annual Summary). Checks, and money orders should he made payable to tbe Superintendent of Documents. Remittance and correspondence regarding suhscriptions should he sent to the Superintendent of Documents, Government Printing Office, Washington 25, D. C.

USCOMM-WB-Asheville, N. C. ---10/30/59 --- 775

551.05
UNNJ .

U. S. DEPARTMENT OF COMMERCE
FREDERICK H. MUELLER, Secretary
WEATHER BUREAU
F. W. REICHELDERFER, Chief

CLIMATOLOGICAL DATA

NEW JERSEY

OCTOBER 1959
Volume LXIV No. 10

LIBRARY OF THE
DEC 29 1960
UNIVERSITY OF ILLINOIS

ASHEVILLE: 1959

NEW JERSEY - OCTOBER 1959

TEMPERATURE AND PRECIPITATION EXTREMES

Highest Temperature: 92° on the 6+ at 4 Stations

Lowest Temperature: 22° on the 29th at 4 Stations

Greatest Total Precipitation: 9.49 inches at Greenwood Lake

Least Total Precipitation: 2.37 inches at Pemberton 3 E

Greatest One-Day Precipitation: 3.27 inches on the 24th at Ringwood

Greatest Reported Total Snowfall: Trace at 2 Stations

Greatest Reported Depth of Snow on Ground: Trace on the 28th at High Point Park

SPECIAL WEATHER SUMMARY

Temperatures during October averaged well above seasonal normals throughout the State, primarily because the warm spell of late September continued through the first 11 days in October. Much above normal temperatures were also reported on October 23rd and 24th. The remainder of the month showed temperatures near or below normal. For the first 11 days in October Trenton averaged 13.2° above normal, the highest average temperature in early October for many years. For the same period the Atlantic City Airport averaged 12.6° above normal, Newark, 12.0° above normal and downtown Atlantic City, 10.4° above normal.

Donald V. Dunlap
State Climatologist
U. S. Weather Bureau
Trenton, New Jersey

CLIMATOLOGICAL DATA

Station		Temperature: Average Maximum	Average Minimum	Average	Departure From Long Term Means	Highest	Date	Lowest	Date	Degree Days	No. of Days: Max. 90° or Above	Max. 32° or Below	Min. 32° or Below	Min. 0° or Below	Precipitation: Total	Departure From Long Term Means	Greatest Day	Date	Snow, Sleet: Total	Max. Depth on Ground	Date	No. of Days: .10 or More	.50 or More	1.00 or More
NORTHERN																								
BELVIDERE		68.1	46.6	57.4	2.5	89	6	25	29	293	0	0	5	0	4.61	1.20	1.99	1	.0	0		9	2	1
BOONTON 2 SE	AM	66.3	46.1	56.2	2.7	86	7	26	29	314	0	0	5	0	7.09	3.87	1.71	2	.0	0		8	7	2
CANOE BROOK	AM	67.2	46.0	56.6	2.7	88	7	25	29	308	0	0	4	0	6.72	3.48	2.05	24	.0	0		8	5	3
CHARLOTTEBURG	AM	64.5	42.8	53.7	1.0	86	7	24	30+	377	0	0	9	0	7.05	3.28	1.67	2	.0	0		8	5	3
ELIZABETH		68.9	48.4	58.7	1.9	89	6	29	29	258	0	0	3	0	5.45	2.14	2.16	24	.0	0		7	3	2
ESSEX FELLS SERV BLDG	AM	69.9	47.0	58.5		88	5	31	29	262	0	0	2	0	8.27				.0	0				
FLEMINGTON 1 NE		68.5	46.7	57.6	1.5	88	6+	22	29	298	0	0	5	0	5.64	2.46	2.68	9	.0	0		7	3	2
HIGH POINT PARK	AM	61.3	39.2	50.3		85	7	22	29	464	0	0	10	0	5.77		1.24	2	T	T	28	10	6	1
JERSEY CITY		63.8	51.1	57.5	.5	83	4	32	29	271	0	0	1	0	4.55	1.57	1.01	24	.0	0		10	4	1
LAMBERTVILLE		69.9	48.8	59.4	3.8	90	6	26	29	259	1	0	3	0	3.75	.76	1.40	9	.0	0		6	3	2
LAYTON 3 NW		66.0	45.4	55.7	4.0	86	4	22	29	322	0	0	5	0	5.61	2.24	1.36	1	.0	0		12	4	1
LITTLE FALLS 1 E	AM	68.3	47.6	58.0	2.4	90	7	28	29	271	1	0	4	0	8.97	5.48	2.64	24	.0	0		9	6	3
LONG VALLEY		67.1	44.5	55.8		87	6	24	30	318	0	0	6	0	8.23	4.79	2.60	1	.0	0		10	4	4
MORRIS PLAINS	AM	66.1	45.8	56.0		86	7	25	29	317	0	0	4	0	6.70		2.07	2	.0	0		9	4	3
NEWARK WB AIRPORT	R	67.7	52.0	59.9	4.3	91	6	35	29	233	1	0	0	0	4.22	1.02	1.30	24	.0	0		10	2	1
NEWTON	AM	65.0	43.5	54.3	1.4	87	7	23	29	365	0	0	8	0	5.12	1.69	1.66	2	.0	0		8	3	2
PATERSON	AM	67.6	48.2	57.9	1.6	90	7	30	29	268	1	0	1	0	7.49	4.23	2.18	9	.0	0		9	3	3
PHILLIPSBURG		70.2	47.9	59.1	6.9	88	7	26	29	252	0	0	4	0	4.51	1.02	1.05	10	.0	0		7	6	1
PLAINFIELD		68.3	49.1	58.7	2.8	89	6	26	29	266	0	0	4	0	3.80	.48	1.24	24	.0	0		7	3	1
RIDGEFIELD		66.5	50.1	58.3	2.7	89	6	29	29	260	0	0	1	0	5.70	2.34	1.47	24	.0	0		10	6	1
SOMERVILLE		68.2	47.7	58.0	2.5	89	6	25	29	285	0	0	5	0	4.64	1.36	1.41	9	.0	0		6	4	3
SUSSEX 3 N	//	64.5	44.1	54.3	.7	87	7	25	29	357	0	0	6	0	4.92	1.72	1.25	2	.0	0		7	4	1
DIVISION				56.9	2.2										5.86	2.55			T					
SOUTHERN																								
ATLANTIC CITY WB AP		67.3	51.6	59.5	2.9	90	5	30	29	254	1	0	1	0	4.37	1.32	1.43	14	.0	0		9	3	2
AUDUBON		70.5	51.2	60.9		92	5	29	29	229	2	0	1	0	4.28		1.35	24	.0	0		8	3	1
BELLEPLAIN		70.5	50.5	60.5		89	5	25	29	235	0	0	4	0	4.00	.36	1.80	14	.0	0		10	1	1
BURLINGTON		71.3	51.0	61.2	3.2	92	5	33	29	225	2	0	0	0	3.14	- .18	.85	14	.0	0		7	3	0
CLAYTON		70.2	50.9	60.6		89	4	29	29	239	0	0	1	0	5.18		1.62	24	.0	0		8	3	2
FREEHOLD		68.7	49.3	59.0	2.9	89	6	27	29	258	0	0	3	0	3.91	.39	1.90	24	.0	0		7	2	1
HAMMONTON 2 NNE	AM	70.1	47.8	59.0	3.7	92	6	27	29	271	1	0	3	0	2.74	- .93	.70	14	.0	0		7	2	0
HIGHTSTOWN 1 N		68.7	49.0	58.9	2.9	89	6	26	29	268	0	0	3	0	2.95	- .32	.79	24	.0	0		7	3	0
INDIAN MILLS 2 W		69.1	48.4	58.8	2.7	92	5	22	29	281	2	0	5	0	3.01	- .34	1.00	14	.0	0		7	1	1
LAURELTON 1 E		68.4	48.9	58.7	3.2	91	6	27	29	276	2	0	5	0	3.63	- .28	.97	24	.0	0		9	3	0
MILLVILLE	AM	70.4M	50.8M	60.6M		90	6	31	29	237	1	0	1	0	4.43		1.08	14	.0	0		7	4	2
MOORESTOWN		68.8	50.1	59.5	3.6	90	5	27	29	264	1	0	3	0	2.83	- .17	.72	14	.0	0		8	3	0
NEW BRUNSWICK EXP STA		69.0	48.2	58.6	2.4	88	6	27	29	267	0	0	2	0	3.33	- .21	.80	24	.0	0		8	4	0
PEMBERTON 3 E		70.9	48.3	59.6	2.6	91	5	24	29	250	2	0	5	0	2.37	- .85	.91	14	.0	0		6	1	0
SHILOH		70.4	51.5	61.0	3.7	89	5	31	29	226	0	0	1	0	3.03	- .09	1.02	14	.0	0		7	2	1
TRENTON WB CITY	R	67.3	51.9	59.6	3.5	88	6+	33	29	254	0	0	0	0	2.59	- .06	.65	1	.0	0		7	2	0
TUCKERTON		69.5	49.9	59.7		88	4	26	29	247	0	0	5	0	5.20		2.00	24	.0	0		7	4	2
WOODSTOWN		71.5M	51.0M	61.3M		90	5	27	29	221	1	0	2	0	6.09		2.50	27	.0	0		7	3	3
DIVISION				59.8	3.2										3.73	.46			.0					
COASTAL																								
ATLANTIC CITY	R	65.9	55.1	60.5	2.5	82	4	34	29	215	0	0	0	0	5.47	2.26	2.18	24	.0	0		7	3	2
CAPE MAY 3 W		70.8M	56.6M	63.7M		84	11	37	29	153	0	0	0	0	3.49				.0	0				1
LONG BRANCH	R	66.5	51.5	59.0	2.8	89	6	30	29	253	0	0	1	0	3.84	.34	1.88	24	.0	0		8	2	1
DIVISION				61.1	3.1										4.27	1.17			.0					

SUPPLEMENTAL DATA

Station	Wind direction: Prevailing	Wind direction: Percent of time from prevailing	Wind speed m. p. h.: Average	Fastest mile	Direction of fastest mile	Date of fastest mile	Relative humidity averages - percent: 1:00 a EST	7:00 a EST	1:00 p EST	7:00 p EST	Number of days with precipitation: Trace	.01–.09	.10–.49	.50–.99	1.00–1.99	2.00 and over	Total	Percent of possible sunshine	Average sky cover sunrise to sunset
ATLANTIC CITY WB AIRPORT	S	12	12.1	-	-	-	85	86	61	79	4	4	6	1	2	0	17	-	5.7
ATLANTIC CITY	-	-	11.5	28	W	24	-	-	-	-	-	6	4	1	1	1	-	54	-
LONG BRANCH	S	12	13.6	48	SE	24	-	83	69ø	69	0	6	5	1	1	0	13	58	5.3
NEWARK WB AIRPORT	SW	13	9.5	22	ESE	24+	78	78	59	69	4	3	8	1	1	0	17	-	5.5
TRENTON WB CITY	-	-	8.8	27	W	18	-	-	-	-	2	5	5	2	0	0	14	61	5.0

ø 12:00 Noon

See Reference Notes Following Station Index

DAILY PRECIPITATION

Station	Total	Day of month																														
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
ATLANTIC CITY WB AP	4.37	.02	T					.12		.04	.22	.94		.04	1.43	.14						T	.13	T	1.02	.10	T	.16				.01
ATLANTIC CITY R	5.47									.92	.02	.15		.02	1.69	.14							.13	.02	2.18	.07	.01	.11				.01
AUDUBON	4.28	.56			T			T	.42	.41		T		T	.95	.09							.13	T	1.34	T	T	.18				.19
BASS RIVER ST FOREST	4.80	.10						.13		.05	.07		.13		1.31	.13							.22			1.91	.75					
BELLEPLAIN	4.00									.14	.14				1.80	.15							.40	.15	.28	.48	.18	.28				
BELMAR	3.57		.10						.03	.32	T	.32			.65	.29	T									1.27	.02	.20				
BELVIDERE	4.61	1.99						.18		.70		.06	.06		.42				.03					.12	.48	.11		.11				.35
BERNARDSVILLE 2 E	6.23	.30	1.75						.46	1.84			.06		.48									.05	.46	.64		.16	.03			
BLACKWELLS MILLS	3.23		.87						.14	.67		T	.05		.51	.05								.03	.43	.32		.14	.02			
BOONTON 2 SE	7.09	.04	1.71						.74	1.66	.02	T	.50		.51	T			T					.03	.85	.91		.10	.02			
BOUND BROOK 1 W	3.65	.01	.84						.01	1.22	.01				.51	T								.03	.70	.10		.21	.01			
BRANCHVILLE	4.69		1.49						.34	1.20		.04	.29						.35					.03	.36	.51		.08	T		T	
BURLINGTON	3.14	.73	T						T	.63				T	.85	.03						T		.08	.23	.02	T	.30	.12		.15	
CANISTEAR RESERVOIR	7.00	.06	2.25						.14	1.32		.32	.43		.34				T					.02	1.42	.66		.04	T		T	
CANOE BROOK	6.72	.23	1.11						.57	1.73	T	T	.06		.53	T								.06	2.05	.20	T	.17	.01			
CANTON	2.79	.27								.16			.30		.88	.27								.12	.65		.02	.12				
CAPE MAY 3 W	3.49	.17							.03	.12					*	1.98						.01	.07	.01	.70	.11	.14	.15				
CEDAR GROVE	7.54	.20	1.24						.57	2.20			.30		.54	.02								.82	1.25	.20		.20				
CHARLOTTEBURG	7.05	.17	1.67						.31	1.53			.62		.42				.03					.06	1.45	.70		.09	T			
CHATHAM	6.35	T	1.12						.44	1.91		T			.50									T	1.10	1.10		.16	.02			
CLAYTON	5.18	.48								.08	.30				1.04	.07						T	.71	.15	1.62			.38			.35
CLINTON	5.02	2.22						.14	.13	.96		.03	.09		.41									.12	.43	.06		.22				.21
ELIZABETH	5.45	.49						.01	.01	1.47		.05			.60									.24	2.16	.02		.25				.15
ELIZABETHPORT	4.27	.50						.01	.07	.61				.07	.45								.04	.17	1.99	.02	T	.15				.19
ESSEX FELLS SERV BLDG	8.27	.10	1.42						.60	2.58			.17		*										3.20	.20						
FLEMINGTON 1 NE	5.64	1.35	.04					T	.03	2.68		.06			.53	T			T					.21	.34	.03		.17				.20
FORTESCUE	3.03	.12	.08							.15	.23				1.05	.48									.71	.03	.05	.13				
FREEHOLD	3.91	.35						.36	.04	.17					.73								.02	.09	1.90			.14				.11
GREENWOOD LAKE	9.49	.30	2.17						.20	1.35			.53		.36				.04					.04	1.97	2.39		.05	.09	T		
HAMMONTON 2 NNE	2.74		.16						.07	.40	.03		.02		.70	.50								.09	.30	.14	.06	.27				
HIGH POINT PARK	5.77	.38	1.24			.10		.04	.77	.95		.03	.50		.30				.11					.05	.70	.50		.08	.02			
HIGHTSTOWN 1 N	2.95	.41						T	.02	.52					.66								T	.12	.79			.22				.21
INDIAN MILLS 2 W	3.01	.16				T		.49		.22	.05				1.00	.12							.06	.08	.44	.08	.01	.22				.08
IRVINGTON	5.41	.69						.38	.50	.60		.02		.18	.35								.08	.28	1.99	.03		.14				.17
JERSEY CITY	4.55	.29						.61	.70	.71				.17	.43								.04	.12	1.01	.07		.25				.15
LAMBERTVILLE	3.75	1.05	T						.07	1.40	T				.50									.08	.29			.18		T		.18
LAURELTON 1 E	3.63	.10						.01	.05	.53		.22		.10	.90	.09							.23	.03	.97	.13		.20				.07
LAYTON 3 NW	5.61	1.36						.95		.83		.49			.31				.11					.13	.64	.21	.11	.31				.16
LITTLE FALLS 1 E	8.97	.17	1.28						.60	2.62		T	.65		.50				.01					.07	2.64	.26	T	.17				
LONG BRANCH R	3.84	.05						.25	.19	.10		.06		.08	.75								.04	.03	1.88	.12	.03	.15				.11
LONG VALLEY	8.23	2.60						1.44	.12	1.15		.18			.48									.48	1.30			.15				.33
MACOPIN INTAKE	7.82	.38	2.00						.33	1.55			.67		.44									.06	1.96	.32		.11	T			T
MAHWAH	8.61	.56	1.29					.01	.44	2.43			.65		.40				.01					.05	1.15	1.56	.01	.05				
MANVILLE	4.36	1.00							.57	1.02				.05	.48			.01						.10	.65	.10		.22				.16
MAYS LANDING	3.15	.10								.08			.25		1.75	.25							.20	.10	.20		.10	.12				
MIDLAND PARK	7.24	1.76						.20	.26	1.88		.38		.02	.47			.01					.02	.77	1.23	.09						.15
MILLVILLE	4.43	.06						.23	.73	.05	.04	.68		.04	1.08	.16							.07		1.06	.01	.02	.20				
MILTON	7.27	*	1.95						.41	1.51			.61		.47				.04				.06		1.52	.59		.11				
MOORESTOWN	2.83	.02	.69			T			.10	.54					.72	.25								.11	.22	.02	.02	.14	T			
MORRIS PLAINS	6.70	.26	2.07						.49	1.55	T	.01	.26	.02	.55	.01			T					.05	1.11	.18	T	.13	T			.01
NEWARK WB AIRPORT P	4.22	.40						.41	.37	.50		.01		.17	.33	T		T	T				.06	.36	1.30	.04	T	.16				.11
NEW BRUNSWICK EXP STA	3.33	.56						.01	.13	.75		T			.64	T								.11	.80	.05		.18				.10
NEW MILFORD	5.30	.78						.42	.06	1.42		.38		.06	.36									.36	1.24	.08		.10				.04
NEWTON	5.12	.15	1.66						.40	1.16		.03	.48		.33				.04					.01	.50	.31		.05				
OAK RIDGE RESERVOIR	9.15	.41	2.46						.33	1.43			.81		1.24				.05					.06	1.43	.40		.53				
OLDWICK	6.04	.02	1.97						.54	1.66		T	.17		.45	T								.06	.72	.22		.23	T			T
ORANGE	6.29	.63	.31						.64	1.38		.14			.50									.33	2.15			.21				
PATERSON	7.49	.48	1.34						.36	2.18	.01	.08	.49		.46	.01			.01					.06	1.40	.41	.01	.18	.01			
PEMBERTON 3 E	2.37	.29						.06	.03	.20					.91	.09							T	.07	.27	.09		.20				.16
PHILLIPSBURG	4.51	.51								.89	1.05				.58									.08	.64	.20		.56				
PHILLIPSBURG BRIDGE	5.16	1.75	.25						.64	.65			.20		.41	T			.02					.09	.56	.24	T	.10				.25
PLAINFIELD	3.80	.49						.04		.68		.01			.52									.23	1.24	.04		.26				.29
PRINCETON WATER WORKS	3.70	.84						T	1.01	.50				.03	.55								.01	.12	.36	.01	.01	.12				.14
RAHWAY	2.85	.20						.02	.08	.55		T		.02	.35								T	.05	1.45	T		.10				.03
RIDGEFIELD	5.70	.56						.52	.94	.87		.13			.31								.05	.51	1.47	.04		.19				.11
RINGWOOD	8.14	.47	1.28	T					.26	1.57		.10	.44		.37				T					.06	3.27	.23	T	.09				
SHILOH	3.03	.13							.03	.17	.02		.10	T	1.02	.18	T						.05	.05	.88	.02	.01	.34				.03
SOMERVILLE	4.64	1.02					T			1.41					.51									.09	1.12	.06		.22				.21
SPLIT ROCK PONO	8.46	.35	1.77						.44	2.18	.04		.97	.05	.55									.03	1.66	.27		.15				
SUSSEX 3 N //	4.92	.06	1.25			.02		.07	.49	.94		.04	.56		.30				.06					.06	.26	.66		.09	.04			.02
TOMS RIVER	4.35	.14							.04	.23					1.42	.11							.17	.14	1.55	.20		.26				.09
TRENTON WB CITY P	2.59	.65						.01	.06	.37				.12	.54	T							.03	.05	.44	.01	T	.17				.14
TUCKERTON	5.20	.60									.20		.20		1.40								.50		2.00		.30					
WANAQUE RAYMOND DAM	8.71	.15	1.70						.30	1.76			.68		.42				.02					.04	2.94	.61		.09	T			
WERTSVILLE	3.19	.05	.87	T					T	1.23	.01				.49	.04	T		.02					.02	.37	.07			.01	T	T	.01
WESTFIELD	4.76	.44						.39	.11	.70				.06	.47									.47	1.70			.22				.20
WEST WHARTON	7.54	.06	1.72						.57	1.94		T	.80		.48				T					.07	.58	1.20		.10	.02			
WOODCLIFF LAKE	7.23	1.25						.33	.13	2.02		.85		.07	.40									.48	1.32	.12		.12				.14
WOODSTOWN	6.09	.34							.01	.23					1.03	.26							.03	.06	1.46	.02	T	2.50				.15

See Reference Notes Following Station Index

DAILY TEMPERATURES

Station		Day Of Month																													Average
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
ATLANTIC CITY WB AR	MAX	79	70	70	85	90	87	83	79	81	78	81	63	62	56	54	64	69	59	51	66	54	60	71	69	64	58	57	50	55	60	62	67.3
	MIN	70	63	57	57	68	67	70	68	72	65	63	47	41	47	41	39	43	45	35	41	46	51	60	60	50	43	44	34	30	37	46	51.6
ATLANTIC CITY	MAX	79	70	70	82	81	77	75	76	76	80	77	63	63	59	54	62	65	60	52	64	57	61	68	69	62	58	58	51	55	57	62	65.9
	MIN	72	64	62	62	70	71	71	70	72	71	63	50	45	49	48	44	52	47	37	47	49	53	61	61	52	46	45	39	34	44	57	55.1
AUDUBON	MAX	81	76	76	88	92	90	86	84	86	79	85	72	64	54	59	66	74	64	54	71	55	56	75	75	67	60	61	52	58	64	61	70.5
	MIN	70	64	59	58	67	67	67	63	71	65	64	48	45	45	42	37	43	45	37	35	45	43	55	60	49	43	48	40	29	35	48	51.2
BELLEPLAIN	MAX	80	79	70	83	89	88	88	85	80	82	83	79	68	58	56	66	70	66	60	68	68	55	73	72	67	60	54	55	59	58	65	70.5
	MIN	71	65	58	52	63	62	69	69	72	64	65	52	46	46	45	33	38	43	30	32	45	51	55	64	52	41	44	40	25	32	41	50.5
BELVIDERE	MAX	75	75	69	83	85	89	81	80	82	80	73	74	58	60	63	63	73	64	63	68	61	57	65	74	70	54	54	50	55	58	55	68.1
	MIN	69	58	56	57	60	64	63	61	66	56	53	46	43	45	45	32	36	38	31	30	36	34	46	64	45	38	41	34	25	28	44	46.6
BOONTON 2 SE	MAX	84	79	74	70	85	83	86	71	78	80	72	70	62	60	48	58	64	70	61	51	66	53	54	67	72	64	58	55	48	55	58	66.3
	MIN	69	61	56	56	60	59	61	59	60	58	51	49	44	46	45	34	36	42	33	28	30	32	38	54	53	44	45	39	26	28	33	46.1
BURLINGTON	MAX	81	77	74	87	92	90	87	85	84	82	84	79	62	60	60	65	73	68	60	71	65	54	75	76	69	59	58	53	56	62	62	71.3
	MIN	70	63	57	60	67	67	68	65	70	68	64	50	35	45	45	39	43	44	36	36	42	43	52	65	47	44	46	36	33	35	45	51.0
CANOE BROOK	MAX	83	75	73	71	85	82	88	75	77	83	73	72	62	60	50	59	64	73	62	52	69	51	56	66	76	67	59	56	49	56	58	67.2
	MIN	70	51	52	56	56	61	64	64	64	62	55	46	42	44	47	33	37	37	32	29	34	33	36	55	53	41	42	40	25	28	37	46.0
CAPE MAY 3 W	MAX	79	78	71	83	83	83	80	81	83	82	84	80	68		65	64	68	66	61	69	64	62	73	70	66	61	59	58	57	61	64	70.8
	MIN	71	66	61	61	70	70	70	71	72	72	70	57	50		46	42	53	52	39	49	51	55	61	63	55	50	52	42	37	42	48	56.6
CHARLOTTEBURG	MAX	82	74	70	69	83	80	86	65	75	80	70	68	60	57	47	58	62	70	60	49	67	52	54	63	70	64	57	50	46	56	55	64.5
	MIN	68	57	54	53	57	58	58	52	59	56	48	46	41	43	42	29	30	39	30	26	32	27	35	51	51	39	39	34	24	24	26	42.8
CLAYTON	MAX	79	78	81	89	87	88	86	80	83	81	82	80	62	58	57	65	67	69	56	69	66	57	75	72	69	59	55	51	55	61	59	70.2
	MIN	70	64	63	64	71	67	64	61	67	62	64	52	40	40	44	37	38	42	34	35	45	43	52	65	51	42	48	40	29	33	50	50.9
ELIZABETH	MAX	76	78	72	85	83	89	80	79	82	79	75	73	62	56	58	65	73	64	59	69	64	54	67	73	69	68	55	53	56	61	59	68.9
	MIN	69	60	56	56	63	63	65	64	64	61	56	49	42	45	45	35	40	40	32	31	40	39	50	60	55	43	43	38	29	33	33	48.4
ESSEX FELLS SERV BLDG	MAX	80	75	76	77	88	81	84	77	83	84	83	77	74	71	59	62	64	72	67	56	68	55	57	65	68	70	58	61	53	62	60	69.9
	MIN	65	62	61	60	61	64	60	62	56	60	59	47	45	52	41	34	37	35	33	37	35	40	38	50	48	40	38	39	31	32	35	47.0
FLEMINGTON 1 NE	MAX	78	77	70	85	88	88	82	84	85	79	81	67	60	51	59	66	73	70	54	68	54	52	69	76	66	60	57	50	58	59	59	68.5
	MIN	68	62	56	57	60	60	65	62	67	59	55	48	41	46	45	30	36	39	30	28	39	36	47	59	49	41	41	36	22	25	39	46.7
FREEHOLD	MAX	77	74	71	84	83	89	86	81	84	76	82	75	61	57	57	64	73	63	57	69	66	52	72	73	65	58	57	50	56	59	60	68.7
	MIN	70	62	54	56	65	63	67	66	65	65	58	49	40	48	46	37	43	40	32	33	45	43	52	60	43	44	44	36	27	31	44	49.3
HAMMONTON 2 NNE	MAX	85	79	73	75	86	92	89	87	84	83	79	83	65	64	50	55	73	78	62	53	69	52	60	73	73	67	60	51	51	58	65	70.1
	MIN	67	62	52	55	65	64	66	64	64	67	62	49	39	41	42	36	38	42	32	34	40	40	43	58	50	40	42	36	27	30	35	47.8
HIGH POINT PARK	MAX	75	70	67	65	82	76	85	64	73	78	69	63	58	53	45	54	59	64	56	46	63	44	48	63	68	62	54	45	43	52	55	61.3
	MIN	62	53	49	49	56	58	54	54	54	48	47	38	39	36	36	33	34	32	25	26	26	26	26	36	44	35	35	28	22	27	26	39.2
HIGHTSTOWN 1 N	MAX	77	75	73	84	87	89	86	83	83	77	83	74	61	55	56	63	72	62	58	67	63	53	71	75	70	57	56	51	53	58	59	68.7
	MIN	69	62	56	57	62	65	67	66	67	65	58	49	40	45	45	34	41	40	31	34	42	38	50	64	53	42	43	36	26	30	41	49.0
INDIAN MILLS 2 W	MAX	78	75	75	86	92	90	85	83	83	77	83	74	63	55	56	65	73	61	51	70	54	55	72	72	65	59	57	50	59	62	61	69.1
	MIN	70	64	52	55	65	65	67	65	71	64	60	50	36	45	42	31	38	41	32	30	41	39	54	64	52	40	45	35	22	26	40	48.4
JERSEY CITY	MAX	73	70	65	83	75	82	74	74	82	73	70	62	59	49	56	58	70	60	51	64	53	53	66	66	63	59	54	49	53	54	57	63.8
	MIN	69	60	58	58	66	65	62	63	65	63	59	50	48	47	47	43	48	44	34	42	42	38	50	63	52	48	46	36	32	34	52	51.1
LAMBERTVILLE	MAX	79	77	73	85	88	90	84	84	85	80	81	77	61	57	60	65	73	67	59	69	62	52	75	75	66	56	57	51	57	62	59	69.9
	MIN	70	63	56	60	63	66	68	65	69	61	58	49	40	45	46	35	40	38	30	33	40	37	49	57	51	42	46	38	26	29	42	48.8
LAURELTON 1 E	MAX	78	72	70	89	90	91	83	78	83	80	81	67	64	52	56	64	73	63	55	71	51	58	69	68	67	62	56	54	54	60	60	68.4
	MIN	68	61	53	54	64	65	68	68	71	61	61	41	40	47	37	34	39	39	32	31	47	48	58	61	49	43	41	29	27	30	48	48.9
LAYTON 3 NW	MAX	76	73	67	86	81	81	74	80	81	80	65	65	58	55	60	64	74	62	51	65	60	51	63	73	62	60	56	56	56	55	57	66.0
	MIN	70	57	56	51	58	60	60	60	60	60	48	43	47	43	40	34	34	32	32	24	34	33	45	55	48	43	48	39	22	30	42	45.4
LITTLE FALLS 1 E	MAX	84	76	73	72	89	84	90	73	78	84	75	71	64	60	51	63	65	74	64	54	70	53	56	67	70	68	61	56	51	60	60	68.3
	MIN	70	60	58	57	61	62	60	61	63	60	54	50	45	47	45	35	39	40	32	31	39	34	42	55	52	44	44	38	28	31	40	47.6
LONG BRANCH	MAX	78	70	68	85	85	89	82	75	85	75	79	63	61	51	55	63	64	60	51	70	56	59	68	69	67	57	56	50	53	58	61	66.5
	MIN	69	61	58	58	65	66	67	65	70	61	61	49	42	50	42	39	45	43	37	39	46	49	58	53	54	45	45	39	30	36	54	51.5
LONG VALLEY	MAX	74	73	71	84	83	87	80	79	82	75	75	69	61	58	60	64	70	60	62	67	60	51	67	72	67	56	52	50	56	57	58	67.1
	MIN	68	58	56	55	57	56	61	57	63	54	50	45	36	44	43	29	33	43	26	25	36	30	41	61	51	41	38	36	25	24	39	44.5
MILLVILLE	MAX	82	81	75	74	87	90	88	85	85	82	81	83	65	64	53	57	65		71	53	70	54	61	77	73	65	60	58	52	58	63	70.4
	MIN	68	65	58	56	65	66	68	67	67	68	66	53	41	43	45	40	40		35	36	38	47	45	57	52	44	41	41	31	35	45	50.8
MOORESTOWN	MAX	80	76	75	86	90	88	85	83	83	78	82	64	62	51	58	65	71	62	52	70	54	56	74	75	65	59	57	50	58	63	61	68.8
	MIN	69	64	58	59	69	67	68	65	72	62	62	48	43	44	40	35	42	43	34	33	45	42	56	59	46	43	46	32	27	32	48	50.1
MORRIS PLAINS	MAX	82	73	71	71	85	82	86	72	76	82	74	72	61	59	47	59	64	71	60	51	66	50	54	67	74	64	58	56	49	55	57	66.1
	MIN	68	60	56	55	60	62	60	58	62	58	52	47	38	41	44	34	38	40	32	28	37	33	39	54	53	41	41	38	25	27	38	45.8
NEWARK WB AIRPORT	MAX	77	75	70	87	81	91	78	78	86	76	73	65	62	52	61	63	75	64	54	70	56	55	68	70	67	61	57	50	58	57	61	67.7
	MIN	71	63	58	60	67	66	66	65	68	64	60	49	46	48	46	42	46	41	36	38	43	40	54	63	53	49	46	38	35	41	51	52.0
NEW BRUNSWICK EXP STA	MAX	78	75	70	85	84	88	86	77	84	82	79	75	62	56	59	64	71	70	56	67	67	52	70	75	71	58	56	51	55	55	60	69.0
	MIN	67	60	54	57	62	63	64	63	64	63	57	48	42	42	44	36	42	39	34	33	40	36	49	62	52	42	43	35	27	32	42	48.2
NEWTON	MAX	82	75	70	65	84	84	87	70	79	80	73	69	60	58	48	58	63	68	59	50	65	51	51	65	72	63	56	53	46	55	56	65.0
	MIN	67	58	55	55	56	61	62	60	60	54	50	46	43	43	43	29	33	36	32	27	30	28	34	40	52	36	40	37	23	26	32	43.5
PATERSON	MAX	85	75	75	70	85	83	90	73	77	83	73	70	60	61	50	60	64	74	65	53	69	53	56	68	69	69	62	55	51	56	58	67.6
	MIN	70	59	55	57	62	62	60	60	62	61	56	49	46	46	46	41	42	41	35	35	37	37	39	54	53	46	42	39	30	35	36	48.2
PEMBERTON 3 E	MAX	77	76	75	85	91	90	85	82	83	82	83	76	65	61	58	66	74	65	60	71	66	53	74	75	68	64	58	53	59	62	62	70.9
	MIN	68	63	54	54	62	65	66	66	68	63	60	49	37	46	44	30	39	44	30	32	42	41	52	63	49	41	44	35	24	27	40	48.3
PHILLIPSBURG	MAX	84	77	72	84	86	87	88	81	83	82	76	77	62	61	60	65	71	73	62	69	70	55	69	67	65	60	60	56	57	60	58	70.2
	MIN	71	62	57	57	62	64	60	63	67	56	56	47	42	47	46	34	39	39	32	31	38	36	48	58	50	44	44	37	26	27	46	47.9
PLAINFIELD	MAX	76	79	78	85	82	89	80	79	84	75	77	66	62	49	62	66	74	64	56	70	55	56	68	74	68	61	56	53	57	59	58	68.3
	MIN	70	64	56	62	62	62	66	64	66	62	57	51	39	47	46	34	39	41	32	31	41	38	51	65	53	42	43	39	26	32	41	49.1
RIDGEFIELD	MAX	74	71	71	86	84	89	75	78	82	74	72	64	60	51	58	65	73	63	52	69	54	52	69	68	68	62	54	50	54	59	59	66.5
	MIN	68	59	56	60	64	66	64	65	65	62	58	51	45	47	41	38	46	40	35	36	42	39	51	61	56	46	46	35	29	35	46	50.1
SHILOH	MAX	84	79	75	81	89	88	85	85	82	81	83	76	64	60	57	64	70	65	59	70	67	53	75	73	67	59	59	52	56	63	60	70.4
	MIN	67	64	59	59	68	66	69	64	71	70	64	50	41	47	44	38	45	44	33	40	45	44	52	64	49	42	46	40	31	35	45	51.5

See Reference Notes Following Station Index

Continued

DAILY TEMPERATURES

Station		Day Of Month																													Average
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
SOMERVILLE	MAX	76	77	71	85	85	89	81	79	84	80	77	72	60	56	60	65	72	64	58	68	57	52	69	74	68	57	56	50	54	59	58	68.2
	MIN	69	63	57	56	61	61	66	60	66	61	55	49	39	46	46	32	36	38	29	29	40	36	51	64	52	43	40	36	25	29	43	47.7
SUSSEX 3 N	MAX	82	74	71	69	84	81	87	66	73	80	71	65	59	59	49	57	63	70	60	49	64	52	50	66	71	64	57	52	45	55	56	64.5
	MIN	65	57	55	55	58	59	60	59	59	53	50	47	45	43	42	33	33	36	32	29	34	30	33	47	56	40	40	35	25	26	31	44.1
TRENTON WB CITY	MAX	78	75	72	84	88	88	84	82	82	75	81	62	59	51	58	63	71	61	51	68	54	56	71	73	64	56	56	49	55	59	60	67.3
	MIN	70	63	58	61	69	69	70	65	71	62	61	50	45	45	45	43	47	41	37	41	43	41	56	60	50	45	47	37	33	37	47	51.9
TUCKERTON	MAX	80	78	69	88	85	85	80	78	81	79	82	79	65	63	55	63	69	65	58	69	64	56	71	69	65	60	61	60	54	59	63	69.5
	MIN	71	65	57	50	67	65	70	70	71	67	62	49	40	48	44	32	36	41	30	30	42	49	53	62	52	42	45	38	26	28	46	49.9
WOODSTOWN	MAX	81	77	75	86	90	89	85	83	84	79	83	80	64	61	59	70	72		65	70	68	54	76	74	69	60	57	53	57	62	61	71.5
	MIN	70	65	59	58	66	64	69	64	72	68	62	51	39	47	45	35	43		34	36	44	44	52	64	48	42	46	38	27	32	45	51.0

EVAPORATION AND WIND

Station		Day of month																													Total or Avg.
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
ATLANTIC CITY WB AIRPORT	EVAP	.21	.01	.19	.16	.15	.28	.11	.02	.09	.31	.03	.13	.23	-	-	.14	.13	.19	.17	.06	.09	.05	.02	.01	.22	.02	.06	-	-	-	-	B3.82
	WIND	117	169	52	51	49	85	81	56	97	66	47	108	55	87	122	51	34	139	110	59	71	110	77	140	69	88	91	-	-	-	-	B2525
	MAX	81	78	75	87	91	90	86	80	82	81	86	81	65	61	54	67	66	68	58	69	66	55	73	73	70	63	58	-	-	-	-	72.7
	MIN	72	66	60	59	71	73	70	74	76	75	68	54	55	52	47	40	46	48	35	38	48	49	55	66	57	47	50	-	-	-	-	57.4
CANOE BROOK	EVAP	.13	.07	.17	.05	.12	.09	.10	.09	-	.04	.10	.01	.19	.05	.07	.06	.06	.11	.10	.11	.08	.08	-	-	-	-	.00	.06	.11	.03	.05	B2.54
	WIND	49	48	29	28	15	7	32	8	38	13	12	26	36	20	38	17	12	39	64	32	35	41	15	45	38	40	23	53	44	9	25	931

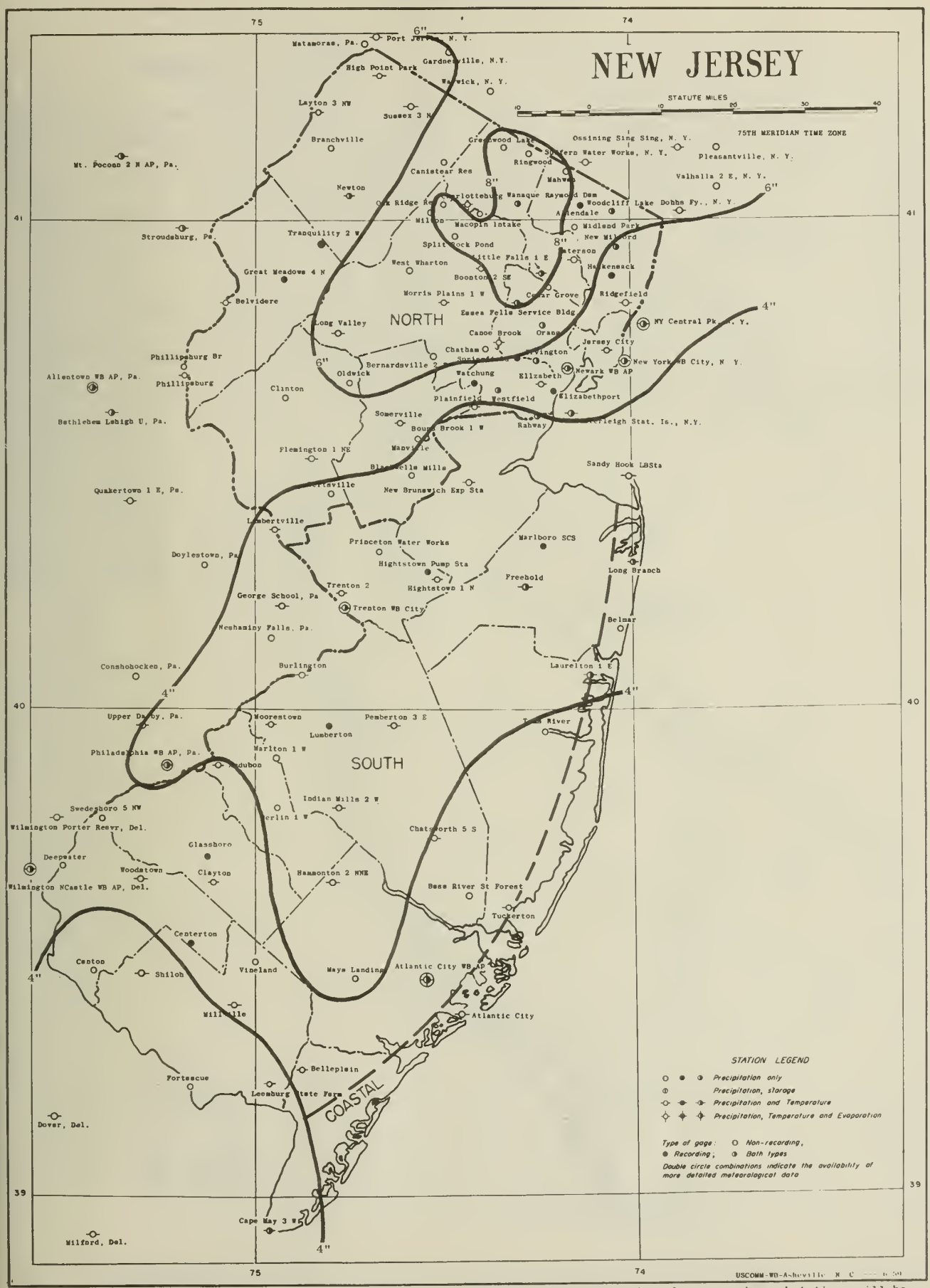
DAILY SOIL TEMPERATURES

Station And Depth		Day of month																													Average
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
NEW BRUNSWICK EXP STATION																															
1 INCH	MAX	72	73	73	78	73	81	77	73	76	73	72	67	68	58	59	61	64	59	57	60	53	51	61	65	62	58	55	53	53	52	54	64.5
	MIN	69	66	64	63	65	66	68	68	69	65	64	56	54	55	50	50	51	50	47	46	48	46	54	60	54	51	50	45	42	42	48	55.9
2 INCHES	MAX	72	74	72	75	75	78	75	73	75	73	71	66	67	59	59	60	61	59	55	57	53	51	60	64	61	57	54	52	52	51	54	63.6
	MIN	69	67	65	64	66	67	68	68	70	66	65	58	56	56	53	51	53	52	49	48	49	48	54	60	55	52	51	46	43	44	48	57.0
4 INCHES	MAX	71	73	71	73	74	75	73	72	74	73	71	66	67	59	59	59	60	58	54	56	53	51	59	63	60	56	54	51	51	50	54	62.8
	MIN	70	68	65	64	66	67	69	68	70	66	66	59	57	56	54	52	54	53	50	49	50	49	54	60	56	53	51	47	44	45	49	57.6
8 INCHES	MAX	71	70	69	70	70	71	71	71	72	71	69	68	64	62	59	59	60	59	57	56	56	54	58	61	60	59	56	55	52	51	53	62.5
	MIN	69	68	67	66	67	68	69	69	69	69	67	64	61	59	57	56	56	57	54	52	54	53	55	58	59	56	54	51	49	48	50	59.9
12 INCHES	MAX	70	70	69	68	69	70	70	70	70	70	70	68	66	63	61	60	60	60	59	57	56	56	58	60	60	59	57	56	54	53	53	62.8
	MIN	69	69	68	67	68	68	69	69	69	70	68	66	63	61	60	59	59	59	57	55	56	55	55	58	59	57	56	54	52	51	52	61.4
16 INCHES	MAX	70	70	69	68	69	69	69	69	70	70	69	68	66	64	62	61	60	60	59	58	57	57	58	59	60	58	58	57	55	53	53	62.0
	MIN	69	69	68	67	68	68	69	69	69	69	68	66	64	62	61	60	59	59	58	57	56	56	56	58	59	58	57	55	53	52	53	61.8
32 INCHES	MAX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	MIN	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Measured under Kentucky Bluegrass. Instrumentation: Copper-constantan Thermocouples connected to a Brown Electronik Potentiometer.

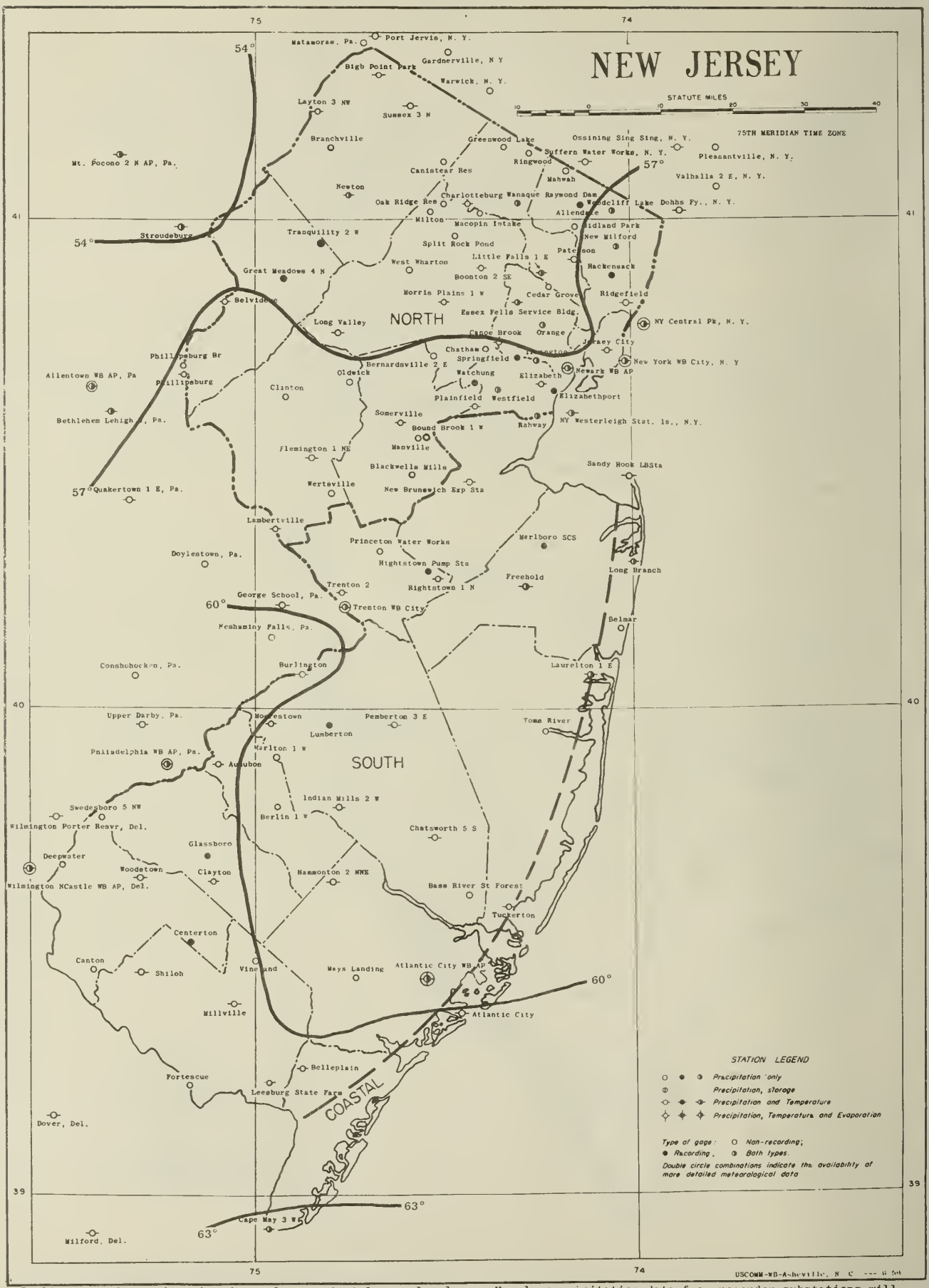
See Reference Notes Following Station Index

TOTAL PRECIPITATION



Isolines are drawn through points of approximately equal values. Hourly precipitation data from recorder substations will be available in the publication "Hourly Precipitation Data".

AVERAGE TEMPERATURE



Isolines are drawn through points of approximately equal values. Hourly precipitation data from recorder substations will be available in the publication "Hourly Precipitation Data".

STATION INDEX

STATION	INDEX NO.	COUNTY	DRAINAGE ‡	LATITUDE	LONGITUDE	ELEVATION	OBSERVATION TIME AND TABLES: TEMP.	PRECIP.	EVAP.	SPECIAL (SEE NOTES)	OBSERVER
ALLENDALE	0100	BERGEN	8	41 02	74 08	270				C	BERGEN COUNTY ENGINEERS
ATLANTIC CITY WB AP	0311	ATLANTIC	1	39 27	74 35	58	M10	M10	TP	C HJ	U.S. WEATHER BUREAU
# ATLANTIC CITY	0325	ATLANTIC	1	39 23	74 26	10	M10	M10		H	STATE MARINA
AUDUBON	0346	CAMDEN	2	39 54	75 04	50	11P	11P			IRVIN J. HYGREN
BASS RIVER ST FOREST	0528	BURLINGTON	1	39 37	74 26	20		6P		H	N.J. FORESTRY SERVICE
BELLEPLAIR	0690	CAPE MAY	1	39 16	74 52	49	5P	5P			MRS. ED C. HOFFMAN
BELMAR	0721	MONMOUTH	1	40 10	74 02	19		8A			BELMAR WATER WORKS
BELVIDERE	0729	WARREN	2	40 50	75 05	275	5P	5P		H	CLEMENT HAUPT
BERNARDSVILLE 2 E	0797	SOMERSET	8	40 43	74 32	240		7A			BERNARDS WATER COMPANY
BLACKWELLS MILLS	0847	SOMERSET	10	40 29	74 35	27		7A			HENRY M. MILLER
BOONTON 2 SE	0907	MORRIS	8	40 54	74 24	280	8A	8A			JERSEY CITY WATER WORKS
BOUND BROOK 1 W	0927	SOMERSET	10	40 33	74 33	20		8A			AMERICAN CYANAMID CO.
BRANCHVILLE	0978	SUSSEX	2	41 09	74 48	970		7A			ALBERT M. DAVENPORT
BURLINGTON	1211	BURLINGTON	2	40 04	74 53	12	8P	6P			PUBLIC SVC. E. + G. CO.
CANISTEAR RESERVOIR	1327	SUSSEX	8	41 07	74 30	1040		8A			NEWARK WATER DEPARTMENT
CANOE BROOK	1335	ESSEX	8	40 45	74 21	180	9A	9A	9A		COMMONWEALTH WATER CO.
CANTON	1343	SALEM	2	39 28	75 25	20		9A			GERTRUDE S. WILLIS
CAPE MAY 3 W	1351	CAPE MAY	1	38 56	74 57	17	5P	5P		C	N.WEST MAGNESITE CO.
CEDAR GROVE	1472	ESSEX	8	40 52	74 13	400		8A			J. A. PLUNKETT
CENTERTON	1512	SALEM	6	39 51	75 10	80				C	JOHN HORNING UNI.
CHARLOTTEBURG	1582	PASSAIC	8	41 03	74 26	760	7A	7A		H	NEWARK WATER DEPT.
CHATHAM	1590	MORRIS	8	40 44	74 23	185		8A			EDWARD P. MOLITOR
CHATSWORTH 5 S	1598	BURLINGTON	1	39 44	74 32	90	5P	5P			INACTIVE 5/58
CLAYTON	1708	GLOUCESTER	6	39 39	75 06	120	6P	6P		H	HARRY P. CAMPBELL
CLINTON	1749	HUNTERDON	10	40 38	74 55	300		6P			L. W. KLOCKNER
ELIZABETH	2644	UNION	1	40 40	74 14	33	5P	5P			UNION CO. PARK COMM.
ELIZABETHPORT	2652	UNION	8	40 38	74 12	10		MID		C	SEWAGE TREATMENT PLANT
ESSEX FELLS SERV BLDG	2768	ESSEX	8	40 50	74 18	250	8A	8A		C	BOROUGH ESSEX FELLS
FLEMINGTON 1 NE	3029	HUNTERDON	10	40 31	74 51	134	5P	5P		H	DONALD YOUNG
FORTESCUE	3102	CUMBERLAND	2	39 14	75 10	3		7A			JOHN LOPER
FREEHOLD	3181	MONMOUTH	10	40 15	74 17	194	6P	6P		C H	FRANK J. MOREAU
GLASSBORO	3291	GLOUCESTER	2	39 42	75 07	150				C	PROF. J. B. SANGREE
GREAT MEADOWS 4 N	3416	WARREN	2	40 56	74 55	540				C	GAMMA CHEMICAL CORP.
GREENWOOD LAKE	3516	PASSAIC	8	41 09	74 20	660		7A			GEORGE T. WIGGINS
HACKENSACK	3572	BERGEN	4	40 53	74 03	10				C	BERGEN COUNTY ENGINEERS
HAMMONTON 2 NNE	3662	ATLANTIC	7	39 39	74 48	83	8A	8A			W. HUBBARD PARKHURST
HIGH POINT PARK	3935	SUSSEX	2	41 18	74 40	1570	8A	8A			N. J. DEPT.OF CONS.
HIGHTSTOWN 1 N	3951	MERCER	10	40 16	74 31	100	8P	8P		H	JAMES R. PICKERING
HIGHTSTOWN PUMPING STA	3956	MERCER	10	40 17	74 32	75				C	DEPT. WATER + SEWAGE
INDIAN MILLS 2 W	4229	BURLINGTON	7	39 48	74 47	100	TP	7P		H	EDWARD ENTWISTLE
IRVINGTON	4260	ESSEX	1	40 43	74 15	120		MID		C	JOINT MEETING GARAGE
JERSEY CITY	4339	HUDSON	1	40 44	74 04	135	M10	MID			JERSEY CITY WATER DEPT.
LAMBERTVILLE	4435	HUNTERDON	2	40 22	74 57	73	6P	6P		H	E. E. CASE
LAURELTON 1 E	4700	OCEAN	1	40 04	74 07	20	M10	MID		C H	GEORGE G. WADDILL
LAYTON 3 NW	4735	SUSSEX	2	41 15	74 51	480	6P	6P		H	A. M. DEPUE
LITTLE FALLS 1 E	4887	PASSAIC	8	40 53	74 14	157	9A	9A		C H	PASSAIC VLY. WTR. COMM.
LONG BRANCH	4987	MONMOUTH	1	40 18	73 59	34	M10	MID		C HJ	WILLIAM D. MARTIN, JR.
LONG VALLEY	5003	MORRIS	10	40 48	74 46	660	6P	6P		H	ARTHUR BARKMAN
LUMBERTON	5055	BURLINGTON	2	39 58	74 48	25				C	JAMES LAWTON
MACOPIN INTAKE	5071	PASSAIC	8	41 01	74 24	584		9A			NEWARK WATER DEPT.
MAHWAH	5104	BERGEN	8	41 06	74 10	253		7A			ROBERT G. GLASGOW
MAMVILLE	5197	SOMERSET	10	40 39	74 34	50		MID			JOHN L. RADCLIFFE
MARLBORO SCS	5244	MONMOUTH	1	40 20	74 16	120				C	GEPOW BRILL
MAYS LANDING	5346	ATLANTIC	3	39 27	74 44	50		5P		H	ELMER EARLE
MIDLAND PARK	5503	BERGEN	1	40 59	74 09	210		MID			RIDGEWOOD WATER CO.
MILLVILLE	5576	CUMBERLAND	6	39 24	75 03	60	8A	M10		C H	L. J. GALLAHER
MILTON	5597	MORRIS	8	41 01	74 32	950		7A			JERSEY CITY WATER WKS.
MOORESTOWN	5728	BURLINGTON	2	39 58	74 58	55	M10	8A		H	H. J. WILLARD
MORRIS PLAINS	5769	MORRIS	8	40 50	74 30	500	8A	8A		H	JAMES C. LONG
NEWARK WB AIRPORT	6026	ESSEX	1	40 42	74 10	11	M10	M10		C HJ	U.S. WEATHER BUREAU
NEW BRUNSWICK EXP STA	6062	MIDDLESEX	10	40 28	74 26	80	5P	5P		GH	ARTHUR H. AHLQUIST
NEW MILFORD	6146	BERGEN	4	40 57	74 02	12		M10		C	HACKENSACK WATER CO.
NEWTON	6177	SUSSEX	2	41 03	74 45	565	8A	8A		C M	NEWTON WTR. + SWR.COMM.
OAK RIDGE RESERVOIR	6460	PASSAIC	8	41 02	74 30	870		8A			NEWARK WATER DEPT.
OLDWICK	6544	HUNTERDON	10	40 40	74 45	260		8A			DAN A. COUGHLIN
ORANGE	6560	ESSEX	8	40 47	74 14	140		M10		C	COUNTY ENGINEER
PATERSON	6775	PASSAIC	8	40 55	74 09	100	8A	8A		H	P. J. DEL VECCHIO
PEMBERTON 3 E	6843	BURLINGTON	2	39 58	74 38	60	5P	5P		H	PHILIP E. MARUCCI
PHILLIPSBURG	6974	WARREN	2	40 41	75 12	182	3P	3P		H	SEWAGE DISPOSAL PLANT
PHILLIPSBURG BRIDGE	6979	WARREN	2	40 42	75 12	196		9A			JOINT TOLL BRIDGE COMM.
PLAINFIELD	7079	UNION	10	40 36	74 25	120	8P	8P		H	MRS VIVIAN SCHERER
PRINCETON WATER WORKS	7328	MERCER	10	40 19	74 40	90		M10			PRINCETON WATER CO.
RAHWAY	7393	UNION	9	40 36	74 15	20		M10		C H	RAHWAY VLY. SWG. AUTH.
RIDGEFIELD	7545	BERGEN	4	40 50	74 01	80	M10	MID		H	GEORGE P. KIPSTEN
RINGWOOD	7587	PASSAIC	8	41 08	74 16	305		10A			NO. JERSEY WTR. SUPPLY
SHILOH	8051	CUMBERLAND	2	39 28	75 18	120	5P	5P			EVERETT DICKINSON
SOMERVILLE	8194	SOMERSET	10	40 34	74 37	75	6P	6P		H	W. E. HAVER
SPLIT ROCK POND	8402	MORRIS	8	40 58	74 28	800		10A			JERSEY CITY D. P. W.
SPRINGFIELD	8423	UNION	1	40 43	74 18	-				C	N. J. DEPT.OF CONS.
SUSSEX 3 N	8644	SUSSEX	5	41 14	74 35	530	7A	7A			BRICE B. STANTON
TOMS RIVER	8816	OCEAN	1	39 57	74 14	10		5P			TOMS RIVER WATER CO.
TRANQUILITY 2 W	8858	WARREN	2	40 57	74 50	551				C	H. J. ERVEY
# TRENTON WB CITY	8883	MERCER	2	40 13	74 46	56	M10	M10		C HJ	U.S. WEATHER BUREAU
TUCKERTON	8899	OCEAN	1	39 36	74 20	10	6P	6P			REV. EDWARD O. MEGILL
WANAQUE RAYMOND DAM	9187	PASSAIC	8	41 03	74 18	320		8A		C H	WATER SUPPLY COMM.
WATCHUNG	9271	UNION	8	40 40	74 25	-				C	BONNIE BURN SANITARIUM
WERTSVILLE	9363	HUNTERDON	10	40 27	74 48	160		7A			ROBERT M. MANNERS
# WESTFIELD	9455	UNION	9	40 39	74 21	138		5P		C	CITY ENGINEER
WEST WHARTON	9608	MORRIS	8	40 54	74 36	680		7A			N.J. POWER + LIGHT CO.
WOODCLIFF LAKE	9832	BERGEN	4	41 01	74 03	103		MID		C	HACKENSACK WATER CO.
WOODSTOWN	9910	SALEM	2	39 39	75 19	50	5P	5P			CREAM VALLEY DAIRY

‡ 1-COASTAL; 2-DELAWARE; 3-GREAT EGG HARBOR; 4-HACKENSACK; 5-HUDSON; 6-MAURICE; 7-MULLICA; 8-PASSAIC; 9-RAHWAY; 10-RARITAN; 11-ROCKAWAY

REFERENCE NOTES

Additional information regarding the climate of New Jersey may be obtained by writing to the State Climatologist at Weather Bureau Office, c/o General Delivery, Trenton, New Jersey or to any Weather Bureau Office near you.

Figures and letters following the station name, such as 12 SSW, indicate distance in miles and direction from the post office.

Delayed data and corrections will be carried only in the June and December issues of this bulletin.

Monthly and seasonal snowfall and heating degree days for the preceding 12 months will be carried in the June issue of this bulletin.

Stations appearing in the Index, but for which data are not listed in the tables, either are missing or were received too late to be included in this issue.

Divisions, as used in "Climatological Data" Table and on the maps, became effective with data for September 1956.

Unless otherwise indicated, dimensional units used in this bulletin are: Temperature in °F, precipitation and evaporation in inches and wind movement in miles. Monthly degree day totals are the sums of the negative departures of average daily temperatures from 65° F.

Evaporation is measured in the standard Weather Bureau type pan of 4 foot diameter unless otherwise shown by footnote following the "Evaporation and Wind" Table. Max and Min in "Evaporation and Wind" Table refer to extremes of temperature of water in pan as recorded during 24 hours ending at time of observation.

Long-term means for full-time stations (those shown in the Station Index as "U. S. Weather Bureau") are based on the period 1921-1950, adjusted to represent observations taken at the present location. Long-term means for all stations except full-time Weather Bureau stations are based on the period 1931-1955.

Water equivalent values published in the "Snowfall and Snow on Ground" Table are the water equivalent of snow, sleet, or ice on the ground. Samples for obtaining measurements are taken from different points for successive observations; consequently occasional drifting and other causes of local variability in the snowpack result in apparent inconsistencies in the record.

Entries of snowfall in the "Climatological Data" Table and the "Snowfall and Snow on Ground" Table, and in the "Seasonal Snowfall" Table include snow and sleet. Entries of snow on ground include snow, sleet and ice.

Data in the "Daily Precipitation" Table; "Daily Temperature" Table; and "Evaporation and Wind" Table, and snowfall in the "Snowfall and Snow on Ground" Table, when published, are for the 24 hours ending at time of observation. The Station Index shows observation times in local standard time. During the summer months some observers take the observations on daylight saving time.

Snow on ground in the "Snowfall and Snow on Ground" Table is at observation time for all except Weather Bureau and FAA stations. For these stations snow on ground values are at 7:00 a.m., E.S.T.

In the Station Index the letters C, G, H, and J in the "Special" column under the heading "Observation Time and Tables", indicate the following:

C Recording Rain Gage Station. Hourly precipitation values are processed for special purposes, and are published later in "Hourly Precipitation Data" Bulletin.

G "Soil Temperature" Table.

H "Snowfall and Snow on Ground" Table. Omission of data in any month indicates no snowfall and/or snow on ground in that month.

J "Supplemental Data" Table.

OTHER REFERENCE NOTES

No record in the "Climatological Data" Table and the "Daily Temperature" Table is indicated by no entry.

Interpolated values for monthly precipitation totals may be found in the annual issue of this publication.

\- No record in the "Daily Precipitation" Table; "Evaporation and Wind" Table; "Daily Soil Temperature" Table; "Snowfall and Snow on Ground" Table; and the Station Index.

\+ And also on an earlier date or dates.

++ Fastest observed one minute wind speed. This station is not equipped with automatic wind instruments.

* Amount included in following measurement, time distribution unknown.

\# Thermometers are generally exposed in a shelter located a few feet above sod-covered ground; however, the reference indicates that the thermometers are exposed in a shelter located on the roof of a building.

// Gage is equipped with a windshield.

AR This entry in time of observation column in Station Index means after rain.

AM Data based on observational day ending before noon.

B Adjusted to a full month.

D Water equivalent of snowfall wholly or partly estimated, using a ratio of 1 inch water equivalent to every 10 inches of new snowfall.

M One or more days of record missing; if average value is entered, less than 10 days record is missing. See "Daily Temperature" Table for detailed daily record. Degree day data, if carried for this station, have been adjusted to represent the value for a full month.

R Amounts from recording gage. (These amounts are essentially accurate but may vary slightly from the amounts to be published later in Hourly Precipitation Data.)

SS This entry in time of observation column in Station Index means observation made near sunset.

T Trace, an amount too small to measure.

V Includes total for previous month.

X Observation time is 1:00 a.m., E.S.T. of the following day.

VAR This entry in time of observation column in Station Index means variable.

General weather conditions in the U. S. for each month are described in the publications MONTHLY WEATHER REVIEW, MONTHLY CLIMATOLOGICAL DATA-NATIONAL SUMMARY, and STORM DATA, all of which may be obtained from the Superintendent of Documents, Government Printing Office, Washington 25, D. C.

Information concerning the history of changes in locations, elevations, exposure etc., of substations through 1955 may be found in the publication "Substation History" for this state. That publication may be obtained from the Superintendent of Documents, Government Printing Office, Washington 25, D. C. for 15 cents. Similar information for regular Weather Bureau stations may be found in the latest annual issue of Local Climatological Data for the respective stations, obtained as indicated above, price 15 cents.

Subscription Price: 20 cents per copy, monthly and annual; $2.50 per year. (Yearly subscription includes the Annual Summary). Checks, and money orders should be made payable to the Superintendent of Documents. Remittance and correspondence regarding subscriptions should be sent to the Superintendent of Documents, Government Printing Office, Washington 25, D. C.

USCOMM-WB-Asheville, N. C. ---12/3/59 --- 775

551.03
UNNJ

U. S. DEPARTMENT OF COMMERCE
FREDERICK H. MUELLER, Secretary
WEATHER BUREAU
F. W. REICHELDERFER, Chief

CLIMATOLOGICAL DATA

NEW JERSEY

NOVEMBER 1959
Volume LXIV No. 11



ASHEVILLE: 1960

NEW JERSEY - NOVEMBER 1959

TEMPERATURE AND PRECIPITATION EXTREMES

Highest Temperature: 79° on the 5th at Belleplain

Lowest Temperature: 7° on the 18th at High Point Park

Greatest Total Precipitation: 5.37 inches at Bass River St Forest

Least Total Precipitation: 3.00 inches at Belvidere

Greatest One Day Precipitation: 2.83 inches on the 24th at Atlantic City WB Airport

Greatest Reported Total Snowfall: 1.2 inches at Paterson

Greatest Reported Depth of Snow on Ground: 1 inch on the 29th at 7 stations

CLIMATOLOGICAL DATA

NEW JERSEY
NOVEMBER 1959

Station		Temperature													Precipitation									
											No of Days								Snow, Sleet			No of Days		
		Average Maximum	Average Minimum	Average	Departure From Long Term Means	Highest	Date	Lowest	Date	Degree Days	Max 90° or Above	Max 32° or Below	Min 32° or Below	Min 0° or Below	Total	Departure From Long Term Means	Greatest Day	Date	Total	Max Depth on Ground	Date	.10 or More	.50 or More	1.00 or More
NORTHERN																								
BELVIDERE		53.2	32.6	42.9	.2	72	14	16	18	656	0	0	15	0	3.00	- 1.03	.85	7	T	0		9	2	0
BOONTON 2 SE	AM	52.3	32.9	42.6	.4	71	6	19	18	666	0	1	16	0	3.73	- .39	1.08	7				9	3	1
CANOE BROOK	AM	53.7	32.6	43.2	.5	76	6	19	20+	651	0	1	17	0	3.85	- .38	1.10	25	.5	1	29	8	3	1
CHARLOTTEBURG	AM	50.7	30.2	40.5	- 1.5	70	6	15	19+	730	0	1	20	0	3.91	- .78	1.23	7	.5	1	29	8	2	1
ELIZABETH		55.7M	34.5	45.1M	- .3	76	5	18	30+	597	0	0	13	0	4.95	1.03	1.28	7	1.0	0		8	4	2
ESSEX FELLS SERV BLDG	AM	52.8	31.3	42.1		69	6	16	18+	683	0	0	13	0			1.05	25	.0	0				2
FLEMINGTON 1 NE		53.6	32.4	43.0	- 1.4	74	5	19	20+	651	0	0	16	0	3.67	- .09	1.12	7	T	0		7	3	1
HIGH POINT PARK	AM	47.3	26.8	37.1		65	7	7	18	834	0	3	26	0	4.08		.84	7				9	4	0
JERSEY CITY		50.8	36.6	43.7	- .2	70	5	19	18	634	0	1	7	0	3.92	.51	1.25	24	.0	0		7	3	1
LAMBERTVILLE		54.3	34.5	44.4	.2	76	5	20	19+	613	0	0	15	0	3.39	- .39	1.35	7	T	0		8	1	1
LAYTON 3 NW		51.3	29.5	40.4	.4	71	14	14	18	731	0	1	18	0	3.44	- .39	1.10	28				10	1	1
LITTLE FALLS 1 E	AM	54.8	35.4	45.1	.8	77	7	20	18	595	0	0	15	0	3.93	- .47	1.13	25	1.0	1	29	9	3	2
LONG VALLEY		51.8	31.1	41.5		69	5	15	18	698	0	0	15	0	4.08	- .28	.90	6	.0	0		7	5	0
MORRIS PLAINS	AM	51.4	31.7	41.6		72	6	17	18	696	0	1	16	0	4.24		1.17	7	.5	0		9	3	1
NEWARK WB AIRPORT	R	54.0	36.9	45.5	.6	77	6+	21	18	578	0	0	7	0	3.94	.84	.96	24	.4	T	29	6	4	0
NEWTON	AM	51.8	30.5	41.2	.1	77	7	16	18	708	0	0	17	0	3.96	.22	1.27	7	T	0		8	3	1
PATERSON	AM	54.7	35.7	45.2	.4	75	7+	19	18	592	0	0	10	0	4.00	- .06	1.39	25	1.2	1	29	7	2	2
PHILLIPSBURG		55.7	33.8	44.8	1.9	74	5	19	18	599	0	0	17	0	3.70	- .06	1.35	24	.0	0		5	3	2
PLAINFIELD		54.6	35.2	44.9	.3	76	5	19	19	601	0	0	14	0	4.41	.49	1.04	6	.4	0		7	4	1
RIDGEFIELD		52.8	34.5	43.7	- .5	74	5	20	18	636	0	1	14	0	4.20	.26	.99	7	1.0	T	29	8	4	0
SOMERVILLE		53.3	34.0	43.7	- .1	74	5	19	19+	632	0	0	14	0	3.64	- .11	1.16	7	T	0		8	2	1
SUSSEX 3 N	// AM	50.4	30.6	40.5	- 1.6	69	15+	15	19+	727	0	1	20	0	3.85	- .15	.95	7	T	0		10	3	0
DIVISION				42.9	- .4										3.90	- .09			.3					
SOUTHERN																								
ATLANTIC CITY WB AP		54.2	36.4	45.3	- 1.2	73	6	21	18	586	0	1	11	0	5.15	2.03	2.83	24	T	0		7	2	1
AUDUBON		55.3	35.6	45.5		78	6+	21	18	582	0	1	11	0	3.93		1.25	24	.0	0		6	3	2
BELLEPLAIN		57.6	36.0	46.8		79	5	18	19	549	0	0	14	0	4.88	.70	1.90	24	.0	0		7	3	1
BURLINGTON			36.1	M		78	5	21	18		0	0	10	0	5.18	1.44	1.50	14	.0	0		8	4	2
CLAYTON		54.9	36.8	45.9		76	6+	20	18	568	0	0	12	0	5.34		1.59	7	.0	0		9	5	2
FREEHOLD		54.9	36.1	45.5	.3	77	5	20	18	583	0	0	13	0	4.01	- .05	1.60	7	.3	0		7	3	1
HAMMONTON 2 NNE	AM	55.9	33.5	44.7	1.6	78	6	19	18	607	0	1	15	0	3.85	.08	1.46	7	.0	0		5	2	2
HIGHTSTOWN 1 N		54.8	36.1	45.5	.5	77	5	21	19+	580	0	0	13	0	3.78	.31	1.60	7	.3	0		5	2	1
INDIAN MILLS 2 W		55.1	33.6	44.4	- .9	78	5	15	19	618	0	0	15	0	4.50	.70	1.81	7	T	0		7	4	1
†LAURELTON 1 E		53.4	33.7	43.6	- 1.5	74	5	20	30	639	0	1	17	0	4.87	.66	1.40	24	T	T	29	8	5	1
MILLVILLE	AM	55.5	36.0	45.8		76	6	22	19+	573	0	0	9	0	5.20		1.43	6	T	0		7	4	3
MOORESTOWN		53.8	34.3	44.1	- .7	77	6+	21	18	620	0	1	16	0	4.43	.79	1.34	25	.0	0		8	3	2
NEW BRUNSWICK EXP STA		54.9	34.9	44.9	- .1	75	6+	18	18	600	0	0	13	0	4.28	.65	1.43	7	.5	0		8	2	2
PEMBERTON 3 E		56.9	35.0	46.0	- .1	78	6+	17	19	571	0	0	15	0	4.06	.50	2.01	7	T	0		6	2	1
SHILOH		55.5	37.2	46.4	.3	75	5	20	18	552	0	0	9	0	4.50	.86	2.04	7	.0	0		7	3	1
TOMS RIVER		56.5	34.7	45.6		77	5	17	19	580	0	0	14	0	5.00		1.30	7	.0	0		6	4	3
TRENTON WB CITY	R	52.9	36.8	44.9	- .7	76	5	21	18	598	0	1	8	0	4.10	1.24	1.13	24	.1	T	29	7	4	1
TUCKERTON		55.9	35.1	45.5		72	6	19	19	577	0	0	14	0	4.60		1.40	24	.0	0		4	4	3
WOODSTOWN		56.1	36.4	46.3		77	5	21	20+	559	0	0	14	0	5.07		1.82	7	T	0		6	4	2
DIVISION				45.5	.0										4.55	.77			T					
COASTAL																								
ATLANTIC CITY	R	53.8	39.1	46.5	- 1.6	67	6+	23	18	551	0	1	8	0	4.82	1.50	2.75	24	.0	0		7	2	1
CAPE MAY 3 W		56.5M	41.2M	48.9M		71	6	26	18	482	0	0	4	0	5.13		1.43	25	T	0		7		2
LONG BRANCH	R	53.2	37.5	45.4	- .1	74	5	22	30+	585	0	0	8	0	4.12	.18	1.19	24	.2	0		7	3	1
DIVISION				46.9	- .2										4.69	1.04			.1					

†DATA RECEIVED TOO LATE TO BE INCLUDED IN DIVISION AVERAGES

SUPPLEMENTAL DATA

Station	Wind direction		Wind speed m. p. h.				Relative humidity averages - percent				Number of days with precipitation							Percent of possible sunshine	Average sky cover sunrise to sunset
	Prevailing	Percent of time from prevailing	Average	Fastest mile	Direction of fastest mile	Date of fastest mile	1:00 a EST	7:00 a EST	1:00 p EST	7:00 p EST	Trace	.01-.09	.10-.49	.50-.99	1.00-1.99	2.00 and over	Total		
ATLANTIC CITY WB AIRPORT	S	16	13.5	-	-	-	80	85	61	71	5	5	5	1	0	1	17	-	7.0
ATLANTIC CITY	-	-	12.4	34	NW	17	-	-	-	-	0	5	5	1	0	1	12	39	-
LONG BRANCH	S	16	15.3	37	S	28	-	80	68	70ø	3	4	4	2	1	0	14	40	7.0
NEWARK WB AIRPORT	SSW	14	10.5	30	WNW	17	70	77	58	63	6	7	2	4	0	0	19	-	7.2
TRENTON WB CITY	-	-	10.1	36	S	28	-	-	-	-	3	5	3	3	1	0	15	43	7.2

ø 12:00 Noon

See Reference Notes Following Station Index

DAILY PRECIPITATION

NEW JERSEY
NOVEMBER 1959

Station	Total	Day of month																														
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
ATLANTIC CITY WB AP	5.15		.01		T		.26	.88	.01					T	.03	.03	T	.26				.38	T	.03	2.83	.31			.12	T		
ATLANTIC CITY R	4.82		.01				.06	.71	.01						.03	.17		.17				.40		.01	2.75	.30			.20			
AUDUBON	3.93		.06	T			.59	1.04							.42	T		.29				T		T	1.25	.19			.09			
BASS RIVER ST FOREST	5.37		.07			T		1.22									.24	.25				.24			e	2.91			.44			
BELLEPLAIN	4.88		.08					.85								.25		.37				.32	.20		1.90	.91						
BELMAR	-	.11	.09					-	-							-									-	-			.08	.04		
BELVIDERE	3.00	.15	.02	T	.02	T	.22	.85					T		.11	.11		.19				T			.39	.39	T		.55			
BERNARDSVILLE 2 E	4.33	.29	.05			.20	.17	1.00	.23						.02	.66		.10	.26						.20	.85	.05		.12	.13		
BLACKWELLS MILLS	4.55	.17	.11	.04				1.10	.33						.03	1.01		.08	.29						.02	1.18	T		.12	.07		
BOONTON 2 SE	3.73	.19	T	T		T	.18	1.08	.18					T	T	.56		.08	.19						T	.86	T		.25	.16		
BOUND BROOK 1 W	3.67	.18	.09			.02	T	1.09	.12							.81	T	.10	.03						T	1.05	T		.10	.08		
BRANCHVILLE	3.99	.26	.06			.09	.03	.91	.17						.02	.33		.06	.15						T	.87	.02	T	1.02			
BURLINGTON	5.18	.15	.04				.13	1.40							1.50			.30							.77	.75		.03	.11			
CANISTEAR RESERVOIR	4.32	.23	.04			.08	.03	1.46	.32				T	T	.02	.17		.05	.19							.82	T		.20	.71		
CANOE BROOK	3.85	.19	.02			.02	T	.96	.26					.01	T	.72		.08	.23						T	1.10			.14	.12		
CANTON	4.01	.04						1.59	.44							.28	.11	.01					.02		.05	1.40					.07	
CAPE MAY 3 W	5.13			.06				e	1.03							.06		.35	.01			.56	.03		1.37	1.43			.18	.05		
CEDAR GROVE	4.51	.20			.03			1.23	.33						.65			.13	.28							1.27			.20	.19		
CHARLOTTEBURG	3.91		.03	T	T	.03	.28	1.23	.28						.03	.15		.06	.21						.01	.82			.43	.35		
CHATHAM	4.07	.22	T			T	T	.98	.28						.02	.66		.10	.30						T	1.19			.15	.17		
CLAYTON	5.34	.11	.10				.62	1.59	.10						.51	.09		.15				.05	T		1.05	.97		T	T	T		
CLINTON	3.23		.15		.04		.07	1.30							.34			.30				.02			.32	.34			.35			
ELIZABETH	4.95	.02	.05	.01	.04		.37	1.28	.03				.01	.01	.08	.56		.40							.52	1.26		.01	.13	.17		
ELIZABETHPORT	3.89	.01	.02		.01	.01	.70	.81						.06	.62			.36						T	1.02	.15		T	.10	.02		
ESSEX FELLS SERV BLDG	-	.38						1.10	.10							.72			-							1.05			-	-		
FLEMINGTON 1 NE	3.67	.08	.18	T	T	.01	.71	1.12	T				T		.09	T		.32				T	T	T	.34	.53	T	.02	.27	T		
FORTESCUE	5.19	.03						1.80	.50							.47			.28				.25		.30	1.50			.06			
FREEHOLD	4.01		.12				.05	1.60							.32			.25							.85	.60			.20	.02		
GREENWOOD LAKE	4.73	.16	.20	.02		.06	.22	1.28	.30				.01	T	.04	.36		.05	.23						T	.69	.06		.46	.59		
HAMMONTON 2 NNE	3.85	.01	.06					1.46	.39						.03	.06		.05					.05		.20	1.40			.11	.03		
HIGH POINT PARK	4.08	.35	.17			.18	.01	.84	.18						.01	.77		.03							.05	.50			.78	.21		
HIGHTSTOWN 1 N	3.78	.06	.08		T		.08	1.60							.09	.35		.27							.40	.76			.08	.01		
INDIAN MILLS 2 W	4.50	T	.06				.53	1.81							.46	.03		.19				T		T	.75	.55			.12	T		
IRVINGTON	3.87	.02			.01		.66	.65	.03						.53			.34						T	1.30	.19			.12	.02		
JERSEY CITY	3.92	.02	.01		.07		.40	.80						.10	.55			.29						.01	1.25	.25			.09	.08		
LAMBERTVILLE	3.39	.10	.09				.38	1.35							.20			.30	T						.46	.33			.18			
LAURELTON 1 E	4.87	.03	.15				.60	.81	.04						.68	.05	T	.27				.04		.03	1.40	.55			.20	.02		
LAYTON 3 NW	3.44	.20	.03	.03	.20		.45	.34							.14	.15		.13				T		.03	.38	.26			1.10			
LITTLE FALLS 1 E	3.93	.11	.03			.01		1.11	.25				T		.03	.52		.14	.20				T		.01	1.13			.22	.17		
LONG BRANCH R	4.12	.01	.09		T		.63	.96							.47			.26				T		.02	1.19	.31			.14	.04	T	
LONG VALLEY	4.08	.05			.08		.90	.72							.50			.30							.60	.33			.60			
MACOPIN INTAKE	4.54	.21	.07			.03	.23	1.42	.27						.04	.31		.13	.21						.03	.78			.46	.35		
MAHWAH	4.19	.18	.12	.01	T		.10	1.04	.26						.03	.35		.11	.34						.03	.90			.32	.40		
MANVILLE	3.68	.04	.09		.01		.36	.74							.75			.34							.95	.20			.20	T		
MAYS LANDING	3.71		.06					1.03							.07			.10				.50			1.45	.50				T		
MIDLAND PARK	4.24		.03		.02		.66	1.06					.02	.03	.34			.46						.02	.98	.22		.01	.36	.03		
MILLVILLE	5.20	.02					1.43	1.12							.55			.25				.16		.06	1.36	.18	T		.07			
MILTON	4.77	.27	.05			.07	.10	1.44	.15				.02		.04	.18		.10	.15			.06		.06	.96	.04			.32	.76		
MOORESTOWN	4.43	.20	.11		T			1.22	.39							.68		.04	.19						.17	1.34	T			.09		
MORRIS PLAINS	4.24	.24	.08	T	.01	.04	.31	1.17	.16	.02			T	T	.02			.56	.25				T		.03	.92	T	T	.30	.13	T	
NEWARK WB AIRPORT R	3.94	.01	.03	T	.03		.76	.71	T				T	.05	.70		T	.37						.01	.96	.20		T	.07	.04	T	
NEW BRUNSWICK EXP STA	4.28	.05	.10		.02	T	.10	1.43	.05						.02	.40		.33							.45	1.15		T	.16	.02		
NEW MILFORD	3.66						.56	.82						.07	.45			.32							1.00	.22		.02	.16	.04		
NEWTON	3.96	.20	.04	.03	T	.04	T	1.27	.15				T		T	.25		.04	.11						.01	.71	T		.41	.70		
OAK RIDGE RESERVOIR	4.46	.24	.07	.04		.02	.11	1.34	.37						.04	.26		.05	.24						.02	.86			.28	.52		
OLDWICK	3.60	.28	.11			.03	.12	1.33	.24				T	.04				.23	.18				T		.10	.64	.02		.25	.03		
ORANGE	4.34					.02		1.35	.07							.61		.38							1.63				.20	.08		
PATERSON	4.00	.09	.03			.02	T	1.15	.27				T		.14	.36		.08	.04						.01	1.39	.01		.30	.11		
PEMBERTON 3 E	4.06	.09	.09				.03	2.01							.06	.35		.25							.64	.43			.10	.01		
PHILLIPSBURG	3.70							1.09								.30	T	T							1.35	.36			.60			
PHILLIPSBURG BRIDGE	3.25	.13				.03	T	1.00					.09			.54	.02		.21				T		.04	.65	T		.11	.43		
PLAINFIELD	4.41	.08	T	T	.03	T	1.04	.37					T		.76			.33							.77	.82			.18	.03		
PRINCETON WATER WORKS	4.76	.05	.07				.55	.84							1.16			.33						.05	1.38	.19			.14	T		
RAHWAY	3.05		.02	T	T		.52	.78						T	.54			.20							.82	.17		T		T		
RIDGEFIELD	4.20		T		.03		.69	.99					T	.15	.76			.21							.72	.43		.03	.09	.10		
RINGWOOD	4.32	.15	.09	T	T	.03	.24	1.43	.09				T		T	.42	T	.33	.02						.08	.70	T		.59	.15		
SHILOH	4.50						.12	2.04	T						.40	.11	T	.21	T			.05	T		.76	.81						
SOMERVILLE	3.64		.15		.03	T	.20	1.16							.89			.32							.35	.38		T	.16			
SPLIT ROCK POND	4.74	.21	.11			.03	.26	1.50	.26						.10	.18		.33	.09						.05	.97			.62	.03		
SUSSEX 3 N //	3.85	.25	.14	T		.12	.02	.95	.23				.02		.05	.36		.06	.18				.02		T	.55	T		.36	.54		
TOMS RIVER	5.00							1.30	.06						.84			.28				.05		1.26	1.05			.16			
TRENTON WB CITY R	4.10	.07	.05		.01		.67	.68						T	.87			.29				T		.04	1.13	.17		T	.11	.01		
TUCKERTON	4.60							1.20														.90			1.40	1.10						
WANAQUE RAYMOND DAM	3.85	.15	.05	T		.02	.28	.96	.21					T	T	.48		.08	.24						.02	.76			.40	.20		
WERTSVILLE	4.64	.24	.14		.02	.03	.39	1.20	.20	.02	T	T	.02		.02	.85	.04	.18	.16				.02		.05	.72	T	.09	.13	.12	T	
WESTFIELD	3.86	.06		.02			.55	.76	.02						.55			.36							1.15	.22		.12	.05			
WEST WHARTON	4.15	.23	.08			.02	.19	1.25	.34						.05	.12		.08	.19						.02	.87	.03		.29	.39		
WOODCLIFF LAKE	4.34	.07					.73	.80						.12	.32			.45							1.10	.25			.35	.15		
WOODSTOWN	5.07	.03	.04				.06	1.82							1.13	T		.20				T			.88	.80		T	.11	T	T	

See Reference Notes Following Station Index

DAILY TEMPERATURES

Station		Day Of Month																													Average
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
ATLANTIC CITY W8 AP	MAX	66	54	49	63	72	73	48	44	52	52	56	59	60	69	62	52	53	31	44	43	51	52	54	61	57	44	63	62	39	41		54.2
	MIN	48	40	28	49	60	48	35	36	34	31	29	36	34	54	44	42	27	21	23	25	32	35	35	51	33	30	42	38	27	24		36.4
ATLANTIC CITY	MAX	66	55	53	62	67	67	50	45	52	52	55	59	60	65	61	51	53	31	44	45	53	52	54	60	56	50	59	60	38	40		53.8
	MIN	49	39	31	53	61	50	36	38	38	36	40	43	38	56	45	43	28	23	26	27	38	38	38	52	33	31	50	38	28	26		39.1
AUDUBON	MAX	65	53	50	65	78	78	48	45	52	54	59	58	61	72	63	49	52	32	44	46	52	52	57	61	58	42	66	65	39	40		55.3
	MIN	48	40	34	44	60	47	37	36	30	29	28	35	33	54	37	40	25	21	22	27	33	35	33	48	30	30	38	38	30	26		35.6
BELLEPLAIN	MAX	66	65	53	68	79	77	72	45	53	52	60	60	63	75	72	47	55	42	46	46	48	55	55	60	60	45	68	63	34	44		57.6
	MIN	56	43	26	39	58	66	37	35	37	26	25	36	29	55	43	40	42	20	18	19	23	38	30	50	38	30	32	31	31	27		36.0
BELVIDERE	MAX	61	54	48	55	70	70	55	45	48	55	55	53	57	72	66	52	49	37	42	45	48	52	50	58	57	41	60	62	40	39		53.2
	MIN	49	37	30	41	43	54	35	33	24	23	24	39	28	50	37	37	36	16	19	22	28	25	24	44	35	28	31	38	27	21		32.6
BOONTON 2 SE	MAX	59	60	51	49	60	71	70	38	44	52	52	56	58	64	69	45	47	50	32	41	42	48	53	49	60	47	42	62	63	34		52.3
	MIN	47	41	30	35	43	59	37	35	26	27	25	28	30	34	41	37	39	19	20	23	28	26	28	38	37	31	32	37	31	24		32.9
BURLINGTON	MAX	62	62	50	65	78	77	55	45	54	53	59	59	58	73	65	48	52	41												37		
	MIN	55	44	33	43	54	53	36	36	32	33	28	39	34	47	42	40	39	21	22	25	26	25	26	47	39	30	34	39	34	27		36.1
CANOE BROOK	MAX	62	61	55	51	64	76	73	49	43	52	53	57	58	61	69	45	47	50	31	41	43	50	53	50	61	47	46	64	64	36		53.7
	MIN	47	40	27	39	42	63	37	35	26	25	24	32	27	32	42	38	40	19	20	19	28	28	26	33	37	29	29	46	28	20		32.6
CAPE MAY 3 W	MAX	65	63	61	64	69	71	65		52	53	58	55	62	68	62	62	54	38	45	43	52	50	57	59	58	45	60	59	46	42		56.5
	MIN	51	49	40	46	56	61		37	41	35	33	37	42	53	45	42	36	26	31	31	40	41	40	50	40	36	43	45	35	32		41.2
CHARLOTTEBURG	MAX	60	57	49	48	59	70	67	37	41	49	51	55	56	57	68	48	48	49	30	39	41	42	50	48	59	45	41	60	61	35		50.7
	MIN	42	38	30	31	41	58	35	32	24	22	20	24	25	27	48	34	36	15	15	24	25	26	24	37	35	29	29	32	28	20		30.2
CLAYTON	MAX	61	59	51	61	76	76	52	45	50	52	57	57	60	71	62	51	51	35	43	44	50	55	55	60	60	42	66	62	45	38		54.9
	MIN	59	44	30	42	59	52	34	34	32	31	30	40	32	48	41	40	35	20	21	23	31	36	34	48	38	30	39	43	32	25		36.8
ELIZABETH	MAX	65	57	51	56	76	75	60	44	55	56									45	47	52	58	51	59	61	45	65	65	43	39		55.7
	MIN	52	39	27	39	45	57	35	34	27	30	28	39	35	50	40	38	39	18	20	22	29	30	38	46	36	27	30	40	27	18		34.5
ESSEX FELLS SERV BLDG	MAX	62	60	58	50	58	69	65	40	46	50	52	58	56	60	55	49	50	55	39	40	49	52	50	54	56	44	50	60	59	38		52.8
	MIN	38	39	30	34	34	35	35	35	27	31	29	30	35	36	16	38	40	16	24	28	33	33	30	32	34	36	38	34	18	20		31.3
FLEMINGTON 1 NE	MAX	63	53	49	57	74	70	49	45	55	55	58	57	57	71	55	46	52	42	42	43	49	51	53	59	58	41	63	63	37	40		53.6
	MIN	52	39	26	39	44	49	36	30	23	24	22	35	27	50	40	39	42	19	19	19	25	28	22	46	37	28	26	37	28	21		32.4
FREEHOLD	MAX	58	54	49	65	77	76	58	43	50	51	58	58	58	70	62	48	52	43	42	43	52	53	52	60	60	49	66	60	39	40		54.9
	MIN	54	41	28	39	54	58	36	35	32	31	32	41	32	52	42	38	43	20	21	25	30	34	30	47	37	29	34	39	27	22		36.1
HAMMONTON 2 NNE	MAX	62	64	55	53	68	78	76	41	43	52	52	61	58	65	72	47	51	51	32	51	51	52	52	56	62	50	55	67	65	36		55.9
	MIN	54	42	27	30	50	64	35	33	30	30	26	29	31	36	40	38	38	19	20	23	32	29	30	33	36	26	36	34	34	21		33.5
HIGH POINT PARK	MAX	57	49	51	41	57	64	65	32	36	47	49	49	56	56	62	42	41	43	26	36	44	42	47	44	54	48	44	57	52	29		47.3
	MIN	43	32	24	27	38	38	26	24	21	21	31	31	28	32	29	29	29	7	12	18	24	25	31	32	32	22	24	39	22	13		26.8
HIGHTSTOWN 1 N	MAX	64	55	49	58	77	74	56	44	50	50	58	58	57	72	67	47	51	45	41	42	51	52	53	60	60	41	67	65	42	39		54.8
	MIN	55	42	29	44	53	56	36	35	30	30	26	40	30	52	42	39	42	21	21	24	30	34	29	47	37	29	35	42	31	22		36.1
INDIAN MILLS 2 W	MAX	64	53	49	67	78	77	51	43	52	52	58	57	60	72	63	50	51	36	43	44	51	52	55	62	60	43	67	64	38	40		55.1
	MIN	52	40	25	40	55	51	35	35	30	24	22	34	26	53	41	39	36	20	15	18	26	32	27	47	36	29	29	38	30	22		33.6
JERSEY CITY	MAX	62	54	48	56	70	67	45	41	49	51	52	57	53	63	48	47	50	31	41	41	50	51	49	55	55	41	62	60	37	37		50.8
	MIN	48	36	33	46	58	45	35	33	34	33	34	46	41	48	41	37	24	19	25	29	38	38	38	47	34	30	43	37	25	23		36.6
LAMBERTVILLE	MAX	64	55	50	58	76	70	53	44	54	53	57	58	57	72	64	46	51	40	42	45	50	52	53	60	59	40	63	63	40	41		54.3
	MIN	54	43	31	42	46	52	36	36	26	25	25	37	28	50	39	39	39	20	20	21	29	30	27	46	38	29	31	39	31	25		34.5
LAURELTON 1 E	MAX	66	55	52	63	74	73	46	43	53	54	56	60	56	65	48	49	51	31	45	45	51	55	51	60	56	43	65	61	37	39		53.4
	MIN	46	36	26	45	58	46	37	37	30	27	24	29	30	47	44	41	25	21	21	23	28	29	30	48	32	28	41	37	25	20		33.7
LAYTON 3 NW	MAX	55	50	50	50	66	70	55	45	52	50	53	50	55	71	64	48	48	32	40	47	48	50	52	50	54	45	55	60	36	37		51.3
	MIN	40	32	28	35	40	50	34	30	22	20	18	38	24	47	37	33	32	14	20	16	24	28	19	30	37	33	28	35	23	18		29.5
LITTLE FALLS 1 E	MAX	60	62	55	50	64	76	77	40	45	53	56	58	60	62	68	47	50	50	34	43	46	51	54	50	62	49	55	65	66	36		54.8
	MIN	47	42	32	40	45	63	37	35	28	28	26	32	31	38	41	38	42	20	23	30	30	30	30	42	38	30	35	52	32	24		35.4
LONG BRANCH	MAX	65	53	51	65	74	73	46	45	49	51	55	58	56	65	52	48	52	33	41	42	52	52	52	61	57	43	65	63	40	38		53.2
	MIN	50	39	33	46	60	49	38	39	36	35	30	38	40	52	44	42	28	22	25	27	34	37	36	49	34	30	43	40	27	22		37.5
LONG VALLEY	MAX	60	51	48	53	69	64	49	42	51	52	55	58	55	68	65	45	48	38	40	42	46	51	50	56	54	42	60	61	44	36		51.8
	MIN	48	36	30	38	48	47	33	34	22	21	20	35	25	47	39	35	38	15	17	19	26	23	22	45	35	27	29	36	26	18		31.1
MILLVILLE	MAX	64	67	56	54	67	76	75	39	45	54	53	58	58	65	73	48	50	52	33	46	45	50	53	58	60	48	51	67	63	38		55.5
	MIN	54	46	33	36	51	61	37	36	34	32	29	36	33	38	43	41	41	22	22	24	29	37	33	35	39	28	36	37	32	26		36.0
MOORESTOWN	MAX	64	54	50	65	77	77	44	43	52	53	58	58	60	71	49	47	51	31	44	44	51	52	56	62	52	41	67	65	36	40		53.8
	MIN	50	36	30	47	50	44	37	36	29	28	27	32	30	49	42	40	25	21	22	25	29	31	31	48	33	30	38	36	27	26		34.3
MORRIS PLAINS	MAX	59	59	53	48	60	72	69	38	43	51	53	56	59	60	63	43	47	49	32	34	43	48	53	47	58	42	47	62	62	33		51.4
	MIN	52	39	29	37	41	41	35	34	26	27	23	37	30	40	38	37	38	17	19	22	27	29	26	39	35	22	29	32	30	21		31.7
NEWARK W8 AIRPORT	MAX	63	54	52	56	77	77	47	44	52	55	57	59	55	69	51	49	51	33	43	45	52	55	51	62	60	43	67	65	38	39		54.0
	MIN	47	38	35	47	54	47	36	35	34	37	34	44	38	51	41	39	25	21	25	28	35	36	38	49	35	30	41	38	27	23		36.9
NEW BRUNSWICK EXP STA	MAX	64	55	48	56	75	75	63	44	50	52	58	58	55	71	69	47	50	43	41	43	50	53	52	60	62	41	66	65	42	38		54.9
	MIN	54	40	28	40	48	61	35	33	28	31	26	38	34	49	40	37	41	18	21	23	28	33	32	45	35	28	30	40	29	21		34.9
NEWTON	MAX	58	57	48	49	61	70	77	40	42	48	50	54	55	60	70	49	46	49	38	38	39	47	47	49	58	46	44	61	60	45		51.8
	MIN	48	40	31	35	41	41	35	33	20	21	21	26	27	32	36	35	36	16	17	23	27	26	22	34	38	27	31	43	30	23		30.5
PATERSON	MAX	60	63	54	53	63	75	75	40	44	51	55	58	60	64	66	45	50	51	34	45	48	52	52	52	60	50	56	64	64	37		54.7
	MIN	54	42	33	36	47	61	37	35	31	31	30	35	35	38	40	37	40	19	20	26	30	34	34	40	38	30	34	50	31	23		35.7
PEMBERTON 3 E	MAX	65	57	51	69	78	78	66	45	53	54	59	60	59	72	63	51	51	43	44	46	53	56	56	61	62	41	69	62	44	40		56.9
	MIN	49	43	26	40	52	64	36	35	28	27	25	36	27	52	40	40	42	21	17	21	30	31	28	47	38	29	31	44	30	22		35.0
PHILLIPSBURG	MAX	63	57	54	56	74	73	68	46	53	53	56	51	57	73	67	51	49	41	45	48	52	66	58	60	53	42	63	63	39	41		55.7
	MIN	45	41	33	43	51	48	37	27	27	22	21	31	25	55	45	45	40	19	20	21	30	32	28	47	30	32	31	39	24	26		33.8
PLAINFIELD	MAX	62	54	52	56	76	75	65	44	55	55	59	60	56	71	58	48	50	34	43	45	50	56	51	60	58	43	64	65	35	39		54.6
	MIN	54	40	28	42	45	65	37	35	28	30	26	39	33	52	42	39	34	20	19	22	30	31	30	48	39	29	30	35	31	22		35.2
RIDGEFIELD	MAX	60	52	55	56	74	72	45	41	51	53	58	58	57	70	50	48	50	32	44	45	55	53	55	60	57	44	59	61	35	34		52.9
	MIN	44	35	30	46	60	45	35	32	29	31	30	40	34	50	38	37	25	20	22	25	33	32	34	49	32	30	34	37	24	22		34.5
SHILOH	MAX	66	56	50	65	75	73	58	43	56	54	55	59	65	69	63	51	51	41	44	45	48	52	56	60	59	45	63	63	40	39		55.5
	MIN	54	43	30	40	55	55	36	37	34	31	31	42	35	54	42	40	41	20	24	27	33	35	33	47	37	31	38	35	31	26		37.2

See Reference Notes Following Station Index

Continued

DAILY TEMPERATURES

Station		Day Of Month																													Average
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
SOMERVILLE	MAX	63	52	49	55	74	72	54	45	52	52	57	57	56	70	63	45	50	36	40	43	48	51	52	59	59	41	64	64	39	38		53.3
	MIN	51	39	30	41	47	54	36	35	29	26	23	38	31	42	41	39	36	19	19	21	29	30	28	48	37	28	35	39	28	22		34.0
SUSSEX 3 N	MAX	57	56	50	48	61	69	69	37	42	50	52	54	52	57	69	43	44	45	30	37	41	46	49	49	58	49	42	62	62	33		50.4
	MIN	45	37	31	32	40	59	35	32	22	22	23	24	30	32	37	34	34	15	15	22	22	20	25	32	48	30	32	39	29	20		30.6
TOMS RIVER	MAX	65	55	51	67	77	76	58	45	58	59	58	56	57	71	65	51	52	44	44	44	53	55	52	62	62	44	66	62	44	42		56.5
	MIN	55	46	25	36	56	58	37	36	26	34	24	30	28	46	37	40	42	21	17	18	27	35	28	48	38	29	28	42	30	24		34.7
TRENTON W8 CITY	MAX	62	53	49	61	76	74	42	43	50	51	57	57	56	70	50	48	51	30	42	43	49	51	54	61	56	41	66	66	37	40		52.9
	MIN	48	40	34	46	58	42	37	36	32	36	34	42	39	50	42	40	26	21	26	28	36	36	35	47	33	31	38	37	28	26		36.8
TUCKERTON	MAX	65	57	51	64	71	72	65	45	55	55	57	61	60	67	61	50	53	43	45	46	51	55	54	59	60	47	63	60	44	40		55.9
	MIN	52	41	26	41	56	60	37	35	37	28	24	30	29	47	44	40	42	20	19	21	22	36	28	46	43	28	30	42	28	22		35.1
WOODSTOWN	MAX	65	57	49	66	77	76	57	45	51	54	57	59	62	72	64	50	52	40	45	46	50	52	56	60	61	44	67	63	45	40		56.1
	MIN	56	43	31	40	57	56	37	37	31	29	29	41	31	50	42	41	39	21	21	21	30	31	30	47	38	31	33	42	32	26		36.4

EVAPORATION AND WIND

Station		Day of month																													Total or Avg.
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
CANOE BROOK	EVAP	-	.14	.07	*	*	.13	-	-	-	.08	.01	.06	.06	-	.05	*	.15	-	-	-	-	-	-	-	-	-	-	-	-	-		-
	WIND	25	53	96	13	22	51	60	56	26	15	3	38	18	14	84	63	20	86	40	41	33	7	13	39	51	87	13	84	14	136		1301

DAILY SOIL TEMPERATURES

Station And Depth		Day of month																													Average
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
NEW BRUNSWICK EXP STATION																																	
1 INCH	MAX	56	51	50	51	60	62	54	-	50	50	50	50	49	58	54	49	50	42	41	43	44	47	46	53	52	41	50	53	-	-		50.1
	MIN	49	44	41	45	49	54	49	46	43	41	40	43	47	51	46	45	41	38	36	36	38	40	40	41	40	37	40	44	42	37		42.8
2 INCHES	MAX	55	51	49	50	58	61	55	-	50	49	49	49	55	71	64	49	49	42	41	43	44	46	46	52	52	41	49	52	-	-		48.2
	MIN	50	46	42	46	49	55	50	47	44	43	42	44	46	45	47	46	42	39	37	37	38	40	41	41	42	39	40	45	43	37		43.4
4 INCHES	MAX	55	50	48	50	57	60	55	-	49	49	49	49	49	56	54	49	49	43	40	42	43	45	46	51	51	49	49	52	-	-		49.1
	MIN	50	46	43	46	49	55	50	47	45	44	44	45	46	50	48	47	43	40	38	38	40	41	41	41	42	39	40	45	43	37		44.1
8 INCHES	MAX	55	53	50	50	55	58	56	53	50	49	48	49	49	54	54	50	50	48	43	43	43	45	46	50	50	45	48	50	-	-		49.6
	MIN	53	50	47	48	50	56	53	49	48	47	45	47	46	49	50	49	48	43	41	40	42	42	43	46	46	43	42	48	46	40		40.4
12 INCHES	MAX	55	54	52	51	55	57	56	56	51	50	50	49	49	53	53	51	50	50	46	44	44	45	46	49	49	47	47	49	-	-		50.1
	MIN	54	52	50	50	51	55	55	61	50	49	49	49	48	50	51	50	50	46	44	44	43	44	44	46	48	45	44	48	47	42		48.3
16 INCHES	MAX	55	55	53	52	54	56	56	55	52	51	50	50	50	52	52	52	51	50	47	46	45	46	46	48	49	48	47	49	-	-		51.0
	MIN	54	53	51	51	52	55	55	52	51	50	50	49	49	50	52	50	50	47	46	45	45	43	43	46	48	47	45	48	48	44		49.1

Measured under Kentucky Bluegrass. Instrumentation: Copper-constantan Thermocouples connected to a Brown Electronik Potentiometer. Slope of Ground: Flat. Ground Cover: Kentucky Bluegrass. Instrumentation: Copper-Constantan Thermocouples connected to a Brown Electronik Potentiometer.

See Reference Notes Following Station Index

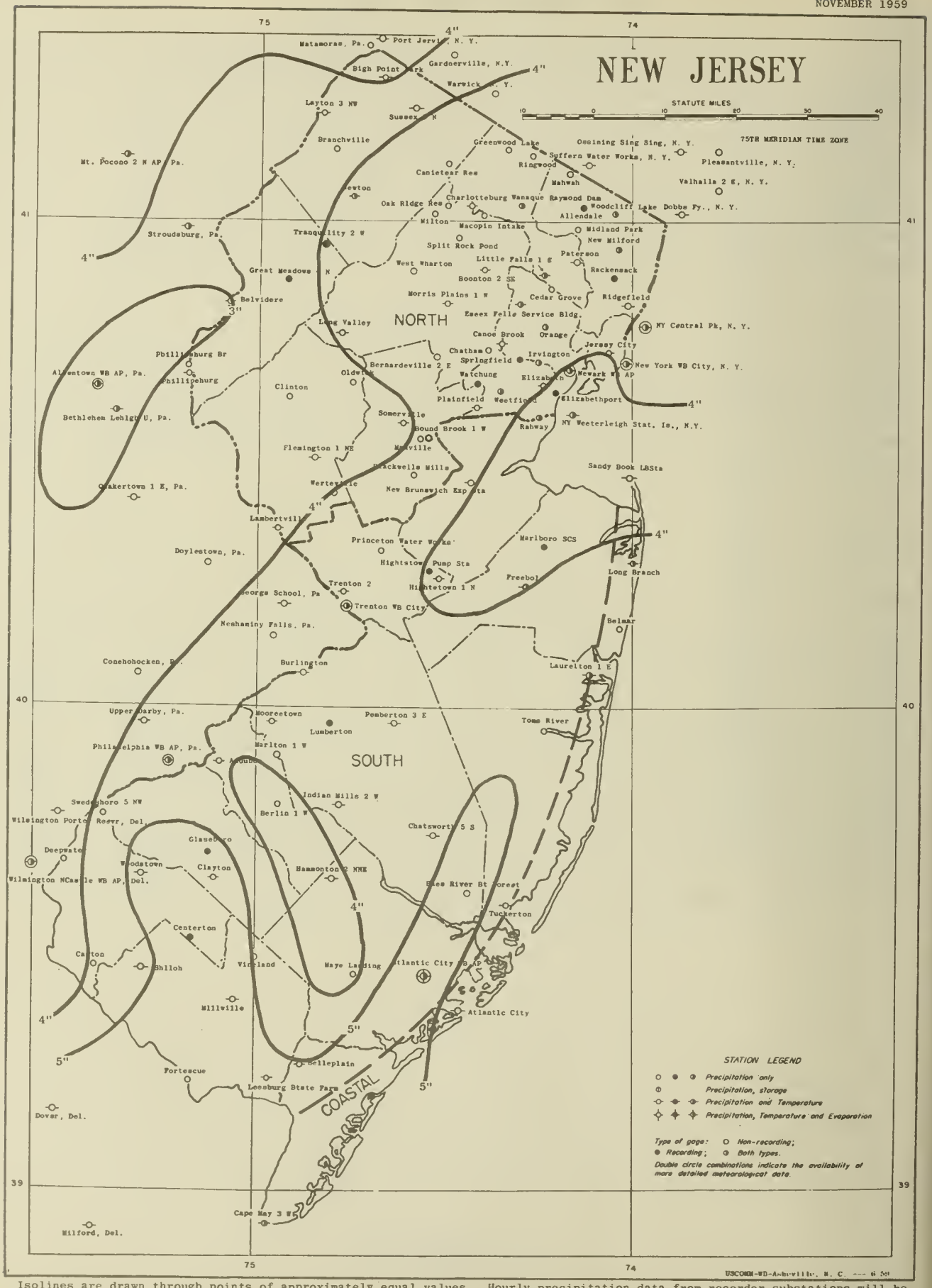
SNOWFALL AND SNOW ON GROUND

Station		Day of month																												
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
ATLANTIC CITY WB AIRPORT	SNOWFALL																													T		
	SN ON GND																													1		
	WTR EQUIV																															
BASS RIVER ST FOREST	SNOWFALL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	SN ON GND	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
BELVIDERE	SNOWFALL			T																						T	T					
	SN ON GND																															
CHARLOTTEBURG	SNOWFALL																													.5		
	SN ON GNO																													1		
FLEMINGTON 1 NE	SNOWFALL																									T	T	T		T		
	SN ON GNO																															
FREEHOLD	SNOWFALL																													.3		
	SN ON GNO																															
HIGHTSTOWN 1 N	SNOWFALL																									T				.3		
	SN ON GND																															
INDIAN MILLS 2 W	SNOWFALL																													T		
	SN ON GND																															
LAMBERTVILLE	SNOWFALL																		T							T						
	SN ON GND																															
LAYTON 3 NW	SNOWFALL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	SN ON GND	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
LITTLE FALLS 1 E	SNOWFALL																													1.0		
	SN ON GND																													1	T	
LONG BRANCH	SNOWFALL																													.2	T	
	SN ON GND																															
MAYS LANDING	SNOWFALL																													T		
	SN ON GND																															
MILLVILLE	SNOWFALL																										T					
	SN ON GND																															
MORRIS PLAINS	SNOWFALL			T	T				T																	T				.5	T	
	SN ON GND																															
NEWARK WB AIRPORT	SNOWFALL							T	T																					.4	T	
	SN ON GND																													T		
	WTR EQUIV																															
NEW BRUNSWICK EXP STA	SNOWFALL																													.5		
	SN ON GND																															
NEWTON	SNOWFALL		T					T																		T			T		
	SN ON GND																															
PATERSON	SNOWFALL																													1.2		
	SN ON GND																													1		
PEMBERTON 3 E	SNOWFALL																													T		
	SN ON GND																															
PLAINFIELD	SNOWFALL																									T				.4		
	SN ON GND																															
RAHWAY	SNOWFALL		T																											T		
	SN ON GND																													T		
RIDGEFIELD	SNOWFALL																													1.0		
	SN ON GNO																													T		
SOMERVILLE	SNOWFALL																									T		T				
	SN ON GND																															
TRENTON WB CITY	SNOWFALL																													.1		
	SN ON GND																													T		

See reference notes following Station Index

TOTAL PRECIPITATION

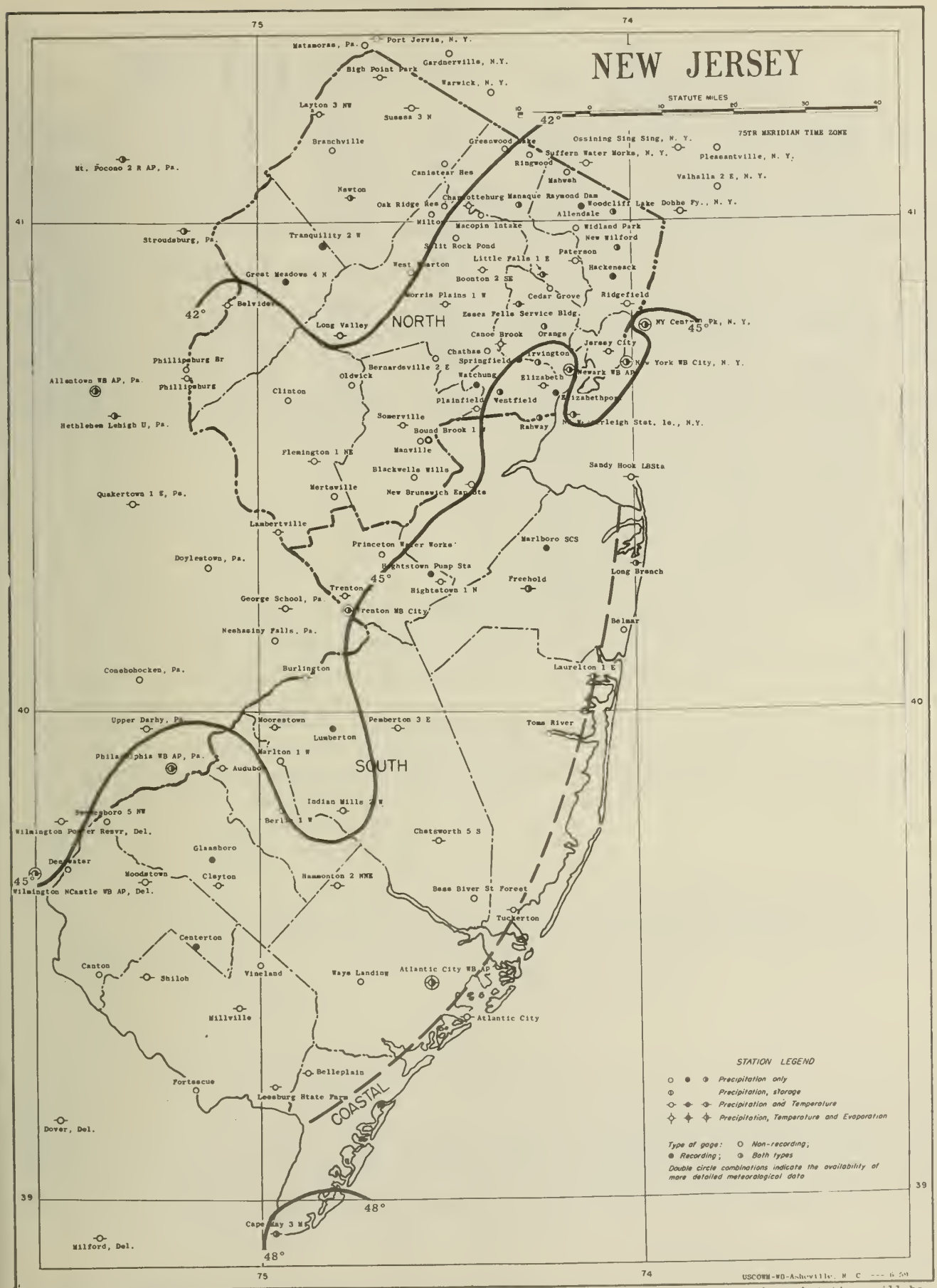
NEW JERSEY
NOVEMBER 1959



Isolines are drawn througb points of approximately equal values. Hourly precipitation data from recorder substations will be available in the publication "Hourly Precipitation Data". Caution advised in using tbese maps for interpolation, particularly in mountainous areas.

AVERAGE TEMPERATURE

NEW JERSEY
NOVEMBER 1959



Isolines are drawn through points of approximately equal values. Hourly precipitation data from recorder substations will be available in the publication "Hourly Precipitation Data". Caution advised in using these maps for interpolation, particularly in mountainous areas.

STATION INDEX

STATION	INDEX NO.	COUNTY	DRAINAGE ‡	LATITUDE	LONGITUDE	ELEVATION	OBSERVATION TIME AND TABLES				OBSERVER
							TEMP.	PRECIP	EVAP.	SPECIAL (SEE NOTES)	
ALLENDALE	0100	BERGEN	8	41 02	74 08	270				C	BERGEN COUNTY ENGINEERS
ATLANTIC CITY WB AP	0311	ATLANTIC	1	39 27	74 35	58	M10	M10	7P	C HJ	U.S. WEATHER BUREAU
# ATLANTIC CITY	0325	ATLANTIC	1	39 23	74 26	10	M10	M10		H	STATE MARINA
AUDUBON	0346	CAMDEN	2	39 54	75 04	90	11P	11P			IRVIN J. NYGREN
BASS RIVER ST FOREST	0528	BURLIMGTON	1	39 37	74 26	20		6P		H	M.J. FORESTRY SERVICE
BELLEPLAIN	0690	CAPE MAY	1	39 16	74 52	49	5P	5P			MRS. ED C. HOFFMAN
BELMAR	0721	MONMOUTH	1	40 10	74 02	19		8A			BELMAR WATER WORKS
BELVIDERE	0729	WARREN	2	40 50	75 05	275	5P	5P		H	CLEMENT HAUPT
BERNARDSVILLE 2 E	0797	SOMERSET	8	40 43	74 32	240		7A			BERNARDS WATER COMPANY
BLACKWELLS MILLS	0847	SOMERSET	10	40 29	74 35	27		7A			HENRY M. MILLER
BOONTON 2 SE	0907	MORRIS	8	40 54	74 24	280	8A	8A			JERSEY CITY WATER WORKS
BOUND BROOK 1 W	0927	SOMERSET	10	40 33	74 33	20		8A			AMERICAM CYANAMID CO.
BRANCHVILLE	0978	SUSSEX	2	41 09	74 45	570		7A			ALBERT M. DAVENPORT
BURLINGTON	1211	BURLIMGTON	2	40 04	74 53	12	6P	6P			PUBLIC SVC. E. + G. CO.
CANISTEAR RESERVOIR	1327	SUSSEX	8	41 07	74 30	1040		8A			NEWARK WATER DEPARTMENT
CANOE BROOK	1335	ESSEX	8	40 45	74 21	180	9A	9A	9A		COMMONWEALTH WATER CO.
CANTON	1343	SALEM	2	39 28	75 25	20		9A			GERTRUDE S. WILLIS
CAPE MAY 3 W	1351	CAPE MAY	1	38 56	74 57	17	5P	5P		C	N.WEST MAGHESITE CO.
CEDAR GROVE	1472	ESSEX	8	40 52	74 13	400		8A			J. A. PLUNKETT
CENTERTON	1512	SALEM	6	39 31	75 10	80				C	JOHN HOPKINS UNI.
CHARLOTTEBURG	1582	PASSAIC	8	41 03	74 26	760	7A	7A		H	NEWARK WATER DEPT.
CHATHAM	1590	MORRIS	8	40 44	74 23	185		8A			EDWARD P. MOLITOR
CHATSWORTH 5 S	1598	BURLINGTON	1	39 44	74 32	90	5P	5P			INACTIVE 5/58
CLAYTON	1708	GLOUCESTER	6	39 39	75 06	120	6P	6P		H	HARRY P. CAMPBELL
CLINTON	1749	HUNTEROOH	10	40 38	74 55	300		6P			L. W. KLOCKHER
ELIZABETH	2644	UNION	1	40 40	74 14	33	5P	5P			UNION CO. PARK COMM.
ELIZABETHPORT	2652	UNION	8	40 38	74 12	10		M1D		C	SEWAGE TREATMENT PLANT
ESSEX FELLS SERV BLDG	2768	ESSEX	8	40 50	74 18	250	8A	8A		C	BOROUGH ESSEX FELLS
FLEMINGTON 1 NE	3029	HUNTEROOH	10	40 31	74 51	134	5P	5P		H	DONALD YOUNG
FORTESCUE	3102	CUMBERLAND	2	39 14	75 10	5		7A			JOHN LOPER
FREEHOLD	3181	MONMOUTH	10	40 15	74 17	194	6P	6P		C H	FRANK J. MOREAU
GLASSBORO	3291	GLOUCESTER	2	39 42	75 07	150				C	PROF. J. B. SAMGREE
GREAT MEADOWS 4 N	3416	WARREN	2	40 56	74 55	540				C	GAMMA CHEMICAL CORP.
GREENWOOD LAKE	3516	PASSAIC	8	41 09	74 20	660		7A			GEORGE T. WIGGINS
HACKENSACK	3572	BERGEN	4	40 53	74 03	10				C	BERGEN COUNTY ENGINEERS
HAMMONTON 2 NNE	3662	ATLANTIC	7	39 39	74 48	85	8A	8A			W. HUBBARO PARKHURST
HIGH POINT PARK	3935	SUSSEX	2	41 18	74 40	1570	8A	8A			M. J. DEPT.OF CONS.
HIGHTSTOWN 1 N	3951	MERCER	10	40 16	74 31	100	8P	8P		H	JAMES P. PICKERING
HIGHTSTOWN PUMPING STA	3956	MERCER	10	40 17	74 32	75				C	DEPT. WATER + SEWAGE
INDIAN MILLS 2 W	4229	BURLINGTON	7	39 48	74 47	100	7P	7P		H	EDWARD ENTWISTLE
IRVINGTON	4260	ESSEX	1	40 43	74 15	120		M1D		C	JOINT MEETING GARAGE
JERSEY CITY	4339	HUDSON	1	40 44	74 04	135	M10	M1D			JERSEY CITY WATER DEPT.
LAMBERTVILLE	4635	HUNTEROON	2	40 22	74 57	75	6P	6P		H	E. E. CASE
LAUREYTON 1 E	4700	OCEAN	1	40 04	74 07	20	M10	M1D		C H	GEORGE G. WADDILL
LAYTON 3 NW	4735	SUSSEX	2	41 15	74 51	480	6P	6P		H	A. M. DEPUE
LITTLE FALLS 1 E	4887	PASSAIC	8	40 53	74 14	157	9A	9A		C H	PASSAIC VLY. WTR. COMM.
LONG BRANCH	4987	MONMOUTH	1	40 18	73 59	34	M10	M1D		C HJ	WILLIAM O. MARTIN, JR.
LONG VALLEY	5003	MORRIS	10	40 48	74 46	660	6P	6P		H	ARTHUR BARKMAN
LUMBERTON	5055	BURLIMGTOH	2	39 58	74 48	25				C	JAMES LAWTON
MACOPIN INTAKE	5071	PASSAIC	8	41 01	74 24	584		9A			NEWARK WATER DEPT.
MAHWAH	5104	BERGEN	8	41 06	74 10	253		7A			ROBERT G. GLASGOW
MANVILLE	5197	SOMERSET	10	40 33	74 34	50		M1D			JOHN L. RAOCLIFFE
MARLBORO SCS	5244	MONMOUTH	1	40 20	74 14	120				C	GEROM BRILL
MAYS LANDING	5346	ATLANTIC	3	39 27	74 44	50		5P		H	ELMER EARLE
MIDLAND PARK	5503	BERGEN	1	40 59	74 09	210		M10			RIDGEWOOD WATER CO.
MILLVILLE	5576	CUMBERLARD	6	39 24	75 03	60	8A	M1D		C H	L. J. GALLAMER
MILTON	5597	MORRIS	8	41 01	74 32	950		7A			JERSEY CITY WATER WKS.
MOORESTOWN	5728	BURLIRGTON	2	39 58	74 58	55	M1D	8A		H	H. J. WILLARD
MORRIS PLAINS	5769	MORRIS	8	40 50	74 30	500	8A	8A		H	JAMES C. LONG
NEWARK WB AIRPORT	6026	ESSEX	1	40 42	74 10	11	M10	M1D		C HJ	U.S. WEATHER BUREAU
NEW BRUNSWICK EXP STA	6062	M100LESEX	10	40 28	74 26	80	5P	5P		GH	ARTHUR H. AMLQUIST
NEW WILFORD	6146	BERGEN	4	40 57	74 02	12		M1D		C	MACKERSACK WATER CO.
NEWTON	6177	SUSSEX	2	41 03	74 45	565	8A	8A		C H	NEWTON WTR. + SWR.COMM.
OAK RIDGE RESERVOIR	6460	PASSAIC	8	41 02	74 30	870		8A			NEWARK WATER DEPT.
OLDWICK	6544	HUNTEROON	10	40 40	74 45	260		8A			OAN A. COUGHLIN
ORANGE	6560	ESSEX	8	40 47	74 14	140		M1D		C	COUNTY ENGINEER
PATERSON	6735	PASSAIC	8	40 55	74 09	100	8A	8A		H	P. J. DEL VECCHIO
PEMBERTON 3 E	6843	BURLIMGTON	2	39 58	74 38	60	5P	5P		H	PHILIP E. MARUCCI
PHILLIPSBURG	6974	WARREN	2	40 41	75 12	182	3P	3P		H	SEWAGE DISPOSAL PLANT
PHILLIPSBURG BRIDGE	6979	WARREN	2	40 42	75 12	196		9A			JOINT TOLL BRIDGE COMM.
PLAINFIELD	7079	UNION	10	40 36	74 25	120	8P	8P		H	MRS VIVIAH SCHERER
PRINCETOH WATER WORKS	7328	MERCER	10	40 19	74 40	90		M1D			PRINCETOM WATER CO.
RAHWAY	7393	UNION	9	40 36	74 15	20		M1D		C H	RAHWAY VLY. SWG. AUTH.
RIDGEFIELD	7545	BERGEN	4	40 50	74 01	80	M1D	M1D		H	GEORGE P. KIRSTEN
RINGWOOD	7587	PASSAIC	8	41 08	74 16	305		10A			NO. JERSEY WTR. SUPPLY
SHILOH	8051	CUMBERLAND	2	39 28	75 18	120	5P	5P			EVERETT DICKIRSON
SOMERVILLE	8194	SOMERSET	10	40 34	74 37	75	6P	6P		H	W. E. HAVER
SPLIT ROCK POND	8402	MORRIS	8	40 56	74 28	800		10A			JERSEY CITY D. P. W.
SPRINGFIELD	8423	UNION	1	40 43	74 18	--				C	H. J. DEP?.OF CONS.
SUSSEX 3 H	8644	SUSSEX	5	41 14	74 35	530	7A	7A			BRICE B. STAHTON
TOMS RIVER	8816	OCEAR	1	39 57	74 13	10	6P	6P			TOMS RIVER WATER CO.
TRANQUILITY 2 W	8858	WARRER	2	40 57	74 50	551				C	M. J. ERVEY
# TRENTON WB CITY	8883	MERCER	2	40 13	74 46	56	M1D	M1D		C HJ	U.S. WEATHER BUREAU
TUCKERTON	8899	OCEAN	1	39 36	74 20	10	6P	6P			REV. EDWARD D. NEGILL
WANAQUE RAYMOND DAM	9187	PASSAIC	8	41 03	74 18	320		8A		C H	WATER SUPPLY COMM.
WATCHUNG	9271	UNION	8	40 40	74 25	--				C	BONNIE BURN SANITARIUM
WERTSVILLE	9363	HUNTERDOH	10	40 27	74 48	160		7A			ROBERT H. MANNERS
# WESTFIELD	9455	UNION	9	40 39	74 21	138		5P		C	CITY ENGINEER
WEST WHARTON	9608	MORRIS	8	40 54	74 36	680		7A			N.J. POWER + LIGHT CO.
WOODCLIFF LAKE	9832	BERGEN	4	41 01	74 03	103		M1D		C	MACKENSACK WATER CO.
WOODSTOWN	9910	SALEM	2	39 39	75 19	50	5P	5P			CREAM VALLEY DAIRY

‡ 1-COASTAL; 2-DELAWARE; 3-GREAT EGG HARBOR; 4-HACKENSACK; 5-HUDSON; 6-MAURICE; 7-MULLICA; 8-PASSAIC; 9-RAHWAY; 10-RARITAN; 11-ROCKAWAY

REFERENCE NOTES

Additional information regarding tbe climate of New Jersey may be obtained by writing to the State Climatologist at Weather Bureau Office, c/o General Delivery, Trenton, New Jersey or to any Weatber Bureau Office near you.

Figures and letters following tbe station name, such as 12 SSW, indicate distance in miles and direction from the post office.

Delayed data and corrections will be carried only in the June and December issues of this bulletin.

Monthly and seasonal snowfall and beating degree days for tbe preceding 12 months will be carried in the June issue of this bulletin.

Stations appearing in tbe Index, but for whicb data are not listed in the tables, either are missing or were received too late to be included in tbis issue.

Divisions, as used in "Climatological Data" Table and on the maps, became effective with data for September 1956.

Unless otberwise indicated, dimensional units used in this bulletin are: Temperature in °F, precipitation and evaporation in inches and wind movement in miles. Monthly degree day totals are tbe sums of tbe negative departures of average daily temperatures from 65° F.

Evaporation is measured in tbe standard Weatber Bureau type pan of 4 foot diameter unless otherwise sbown by footnote following the "Evaporation and Wind" Table. Max and Min in "Evaporation and Wind" Table refer to extremes of temperature of water in pan as recorded during 24 hours ending at time of observation.

Long-term means for full-time stations (those sbown in the Station Index as "U. S. Weather Bureau") are based on the period 1921-1950, adjusted to represent observations taken at tbe present location. Long-term means for all stations except full-time Weather Bureau stations are based on tbe period 1931-1955.

Water equivalent values publisbed in the "Snowfall and Snow on Ground" Table are the water equivalent of snow, sleet, or ice on the ground. Samples for obtaining measurements are taken from different points for successive observations; consequently occasional drifting and other causes of local variability in the snowpack result in apparent inconsistencies in the record.

Entries of snowfall in tbe "Climatological Data" Table and the "Snowfall and Snow on Ground" Table, and in tbe "Seasonal Snowfall" Table include snow and sleet. Entries of snow on ground include snow, sleet and ice.

Data in tbe "Daily Precipitation" Table; "Daily Temperature" Table; and "Evaporation and Wind" Table, and snowfall in the "Snowfall and Snow on Ground" Table, wben publisbed, are for tbe 24 hours ending at time of observation. The Station lndex shows observation times in local standard time. During tbe summer montbs some observers take the observations on daylight saving time.

Snow on ground in tbe "Snowfall and Snow on Ground" Table is at observation time for all except Weather Bureau and FAA stations. For these stations snow on ground values are at 7:00 a.m., E.S.T.

In tbe Station lndex tbe letters C, G, H, and J in the "Special" column under the heading "Observation Time and Tables", indicate the following:

C Recording Rain Gage Station. Hourly precipitation values are processed for special purposes, and are published later in "Hourly Precipitation Data" Bulletin.

G "Soil Temperature" Table.

H "Snowfall and Snow on Ground" Table. Omission of data in any month indicates no snowfall and/or snow on ground in that month.

J "Supplemental Data" Table.

OTHER REFERENCE NOTES

No record in tbe "Climatological Data" Table and the "Daily Temperature" Table is indicated by no entry.

Interpolated values for montbly precipitation totals may be found in the annual issue of this publication.

\- No record in the "Supplemental Data" Table; "Daily Precipitation" Table; "Evaporation and Wind" Table; "Snowfall and Snow on Ground" Table; "Daily Soil Temperature" Table; and the Station Index.

\+ And also on an earlier date or dates.

++ Fastest observed one minute wind speed. This station is not equipped with automatic wind instruments.

* Amount included in following measurement, time distribution unknown.

\# Tbermometers are generally exposed in a sbelter located a few feet above sod-covered ground; however, the reference indicates that the tbermometers are exposed in a sbelter located on tbe roof of a building.

// Gage is equipped witb a windshield.

AR Tbis entry in time of observation column in Station lndex means after rain.

AM Data based on observational day ending before noon.

B Adjusted to a full month.

D Water equivalent of snowfall wbolly or partly estimated, using a ratio of 1 inch water equivalent to every 10 inches of new snowfall.

M One or more days of record missing; if average value is entered, less than 10 days record is missing. See "Daily Temperature" Table for detailed daily record. Degree day data, if carried for this station, have been adjusted to represent the value for a full month.

R Amounts from recording gage. (These amounts are essentially accurate but may vary slightly from tbe amounts to be published later in Hourly Precipitation Data.)

SS Tbis entry in time of observation column in Station Index means observation made near sunset.

T Trace, an amount too small to measure.

V lnčludes total for previous montb.

X Observation time is 1:00 a.m., E.S.T. of tbe following day.

VAR Tbis entry in time of observation column in Station lndex means variable.

General weatber conditions in tbe U. S. for each month are described in the publications MONTHLY WEATHER REVIEW, MONTHLY CLIMATOLOGICAL DATA-NATIONAL SUMMARY, and STORM DATA, all of wbicb may be obtained from tbe Superintendent of Documents, Government Printing Office, Washington 25, D. C.

Information concerning tbe history of cbanges in locations, elevations, exposure etc., of substations through 1955 may be found in the publication "Substation History" for tbis state. That publication may be obtained from the Superintendent of Documents, Government Printing Office, Wasbington 25, D. C. for 15 cents. Similar information for regular Weather Bureau stations may be found in the latest annual issue of Local Climatological Data for tbe respective stations, obtained as indicated above, price 15 cents.

Subscription Price: 20 cents per copy, monthly and annual; $2.50 per year. (Yearly subscription includes tbe Annual Summary). Checks, and money orders sbould be made payable to the Superintendent of Documents. Remittance and correspondence regarding subscriptions should be sent to tbe Superintendent of Documents, Government Printing Office, Washington 25, D. C.

USCOMM-WB-Asheville, N. C. --- 1/6/60 --- 775

551.03
UNNJ

U. S. DEPARTMENT OF COMMERCE
FREDERICK H. MUELLER, Secretary
WEATHER BUREAU
F. W. REICHELDERFER, Chief

CLIMATOLOGICAL DATA

NEW JERSEY

DECEMBER 1959
Volume LXIV No. 12



THE LIBRARY OF THE
FEB 26 1960
UNIVERSITY OF N.J.

ASHEVILLE: 1960

NEW JERSEY - DECEMBER 1959

TEMPERATURE AND PRECIPITATION EXTREMES

Highest Temperature: 62° on the 16+ at 3 Stations

Lowest Temperature: -6° on the 23rd at Sussex 3 N

Greatest Total Precipitation: 6.02 inches at Long Valley

Least Total Precipitation: 2.36 inches at Cape May 3 W

Greatest One-Day Precipitation: 1.98 inches on the 13th at Phillipsburg

Greatest Reported Total Snowfall: 14.0 inches at Flemington 1 NE

Greatest Reported Depth of Snow on Ground: 11 inches on the 23+ at Freehold

CLIMATOLOGICAL DATA

NEW JERSEY
DECEMBER 1959

Station		Temperature												Precipitation								
										No. of Days								Snow, Sleet			No. of Days		
										Max		Min											
		Average Maximum	Average Minimum	Average	Departure From Long Term Means	Highest	Date	Lowest	Date	Degree Days	90° or Above	32° or Below	32° or Below	0° or Below	Total	Departure From Long Term Means	Greatest Day	Date	Total	Max Depth on Ground	Date	10 or More	50 or More	100 or More
NORTHERN																							
BELVIDERE		42.5	25.5	34.0	2.0	58	16	2	23	952	0	5	25	0	3.98	.34	.99	7	7.4	6	23+	9	4	0
BOONTON 2 SE	AM	42.6	26.4	34.5	2.9	57	13	3	24+	936	0	5	22	0	5.38	2.14	1.41	29				8	3	3
CANOE BROOK	AM	42.7	25.1	33.9	2.6	58	13	- 3	23	956	0	4	24	1	5.47	1.95	1.56	7	10.5	6	22	8	4	2
CHARLOTTEBURG	AM	41.4	24.0	32.7	1.6	57	13	3	24	994	0	4	28	0	5.85	1.90	1.68	7	11.5	8	23+	10	3	3
ELIZABETH		45.8	27.5	36.7	1.9	58	16+	6	23	870	0	1	22	0	4.97	1.55	1.20	7	9.5	7	22	7	6	1
ESSEX FELLS SERV BLDG	AM	42.9	26.1	34.5		58	13	8	24+	939	0	1	22	0	5.46		1.52	7				7	5	3
FLEMINGTON 1 NE		43.8	25.3	34.6	1.1	57	16+	- 1	23	936	0	2	25	1	4.98	1.63	1.48	29	14.0	7	23+	9	3	2
HIGH POINT PARK	AM	37.5	20.5	29.0		54	13	- 4	24+	1112	0	6	28	2	3.07		1.13	7		8	25+	7	3	1
JERSEY CITY		41.9	30.9	36.4	2.8	55	16	8	23	880	0	5	16	0	3.93	.75	.92	12				9	3	0
LAMBERTVILLE		44.3	27.4	35.9	2.2	58	13	5	23	896	0	3	23	0	4.24	1.09	1.15	7	7.5	5	23+	9	3	2
LAYTON 3 NW		41.0	22.6	31.8	3.0	57	13	- 2	24+	1020	0	5	28	2	4.31	1.57	1.37	7	9.9			8	3	1
LITTLE FALLS 1 E	AM	44.3	27.7	36.0	2.4	60	13	4	23	892	0	2	22	0	4.93	1.15	1.52	7	7.5	5	24+	8	4	2
LONG VALLEY		43.7	24.8	34.3		60	13	5	23	946	0	2	27	0	D 6.02	2.46	1.70	12	12.0			8	4	3
MORRIS PLAINS	AM	42.2	25.6	33.9		57	13+	5	23	958	0	5	26	0	5.06		1.41	29	10.0			9	3	3
NEWARK WB AIRPORT	R	44.7	31.2	38.0	4.0	59	16+	10	23	832	0	2	18	0	4.17	1.07	.96	12	9.1	5	22+	7	4	0
NEWTON	AM	39.5	24.1	31.8	1.9	57	13	5	23	1022	0	5	29	0	4.19	1.06	1.27	7		7	22	7	3	2
PATERSON	AM	44.0	29.2	36.6	2.5	58	17+	7	24+	874	0	3	19	0	5.04	1.36	1.32	7	9.5	7	22	8	5	2
PHILLIPSBURG		45.4	27.8	36.6	4.1	59	17	12	24	871	0	4	25	0	3.98	.41	1.98	13	6.0	6	22	5	3	1
PLAINFIELD		44.7	27.7	36.2	2.1	58	16+	2	23	886	0	2	21	0	5.21	1.78	1.29	7	13.0			8	4	3
RIDGEFIELD		43.7	29.1	36.4	2.9	57	13	7	23	882	0	3	21	0	4.14	.54	1.10	12	13.5	10	22	7	5	1
SOMERVILLE		43.6	26.8	35.2	2.0	57	13+	4	23	917	0	3	25	0	4.57	1.34	1.54	7	9.2	6	23+	7	3	1
SUSSEX 3 N	//	38.9	23.2	31.1	.5	57	13	- 6	23	1045	0	7	29	2	3.55	.13	1.10	7	11.3	8	23+	8	3	1
DIVISION				34.6	2.1										4.66	1.19			10.1					
SOUTHERN																								
ATLANTIC CITY WB AP		47.4	30.6	39.0	2.3	61	16	11	23	799	0	1	20	0	3.15	.07	.97	12	1.5	T	24+	5	3	0
AUDUBON		46.4	31.0	38.7		60	16	12	23	810	0	2	21	0	3.68		.97	12	5.0	3	22	9	4	0
BELLEPLAIN		49.6	30.7	40.2		62	16	11	23	762	0	1	18	0	3.32	- .21	.87	7	.0	0		6	3	0
BURLINGTON		45.7M	30.2	38.0M	2.0	59	13+	10	23	827	0	0	22	0	4.29	1.35	1.00	29		3	22	10	4	1
CLAYTON		48.6	30.4	39.5		58	13+	11	23	779	0	0	19	0	4.70		1.43	29	.5	1	7	7	3	3
FREEHOLD		44.5	28.8	36.7	2.0	58	16	2	23	872	0	2	20	0	D 3.72	.34	1.19	29	12.6	11	23+	6	3	2
HAMMONTON 2 NNE	AM	46.2	27.4	36.8	.7	60	17	6	23	867	0	2	22	0										
HIGHTSTOWN 1 N		43.9	28.6	36.3	2.0	58	13+	5	23	885	0	3	21	0	4.19	1.27	1.15	29	7.8	6	24+	9	3	2
INDIAN MILLS 2 W		46.6	27.5	37.1	2.1	60	16	4	23	861	0	1	22	0	3.74	.62	1.07	29	5.0	3	23+	6	3	1
LAURELTON 1 E		45.4	27.3	36.4	1.3	59	16	5	23	883	0	2	23	0	D 3.42	.13	1.00	12	4.8	5	22	7	3	1
MILLVILLE	AM	47.5	29.9M	38.7M		61	17	12	23	804	0	2	19	0	3.20				T	0		8		
MOORESTOWN		45.5	29.3	37.4	2.6	60	16	8	23	846	0	2	22	0	4.73	1.98	1.20	29	7.5	5	22	9	5	1
NEW BRUNSWICK EXP STA		44.4	27.5	36.0	1.8	58	13+	3	23	896	0	4	23	0	4.66	1.60	1.54	7	9.5	7	22	6	3	2
PEMBERTON 3 E		47.1	27.9	37.5	1.8	59	16	4	23	847	0	1	21	0	4.00	1.09	1.26	29	4.8	3	24+	8	4	1
SHILOH		47.5	31.5	39.5	3.4	60	16	12	23	784	0	1	17	0	2.59	- .53	.73	7				6	2	0
TOMS RIVER		46.5	26.6	36.6		62	16	8	23+	875	0	2	23	0	4.15		1.00	12	4.5			6	4	1
TRENTON WB CITY	R	44.4	31.3	37.9	2.9	59	16+	11	23	837	0	3	16	0	3.58	.80	.80	12	6.2	5	22	8	3	0
TUCKERTON		48.7	28.8	38.8		62	16+	7	23	804	0	1	20	0	D 4.10				1.0	0				
WOODSTOWN		47.9M	30.0M	39.0M		61	16	11	23	800	0	1	20	0	3.53		1.06	29				7	3	1
DIVISION				37.9	2.7										3.82	.66			4.7					
COASTAL																								
ATLANTIC CITY	R	47.3	34.0	40.7	2.5	61	16	14	23	748	0	2	13	0	3.49	.18	1.09	12				5	2	1
CAPE MAY 3 W		48.6M	35.1M	41.9M		56	13	16	23	709	0	0	11	0	2.36		.65	12		0		5	2	0
LONG BRANCH	R	45.3	31.5	38.4	3.2	58	16	12	23	819	0	3	19	0	4.29	.75	.95	12	8.0	7	24+	8	4	0
DIVISION				40.3	3.4										3.38	.17			8.0					

SUPPLEMENTAL DATA

Station	Wind direction		Wind speed m. p. h.				Relative humidity averages percent				Number of days with precipitation							Percent of possible sunshine	Average sky cover sunrise to sunset
	Prevailing	Percent of time from prevailing	Average	Fastest mile	Direction of fastest mile	Date of fastest mile	1:00 a EST	7:00 a EST	1:00 p EST	7:00 p EST	Trace	.01-.09	.10-.49	.50-.99	1.00-1.99	2.00 and over	Total		
ATLANTIC CITY WB AIRPORT	NNW	12	11.8	-	-	-	81	81	61	78	7	3	2	3	0	0	15	-	7.0
ATLANTIC CITY	-	-	9.5	34	SW	7	-	-	-	-	-	5	3	1	1	0	-	43	-
LONG BRANCH	SW	13	12.7	45	SW	7	-	76	68Ø	67	0	3	4	4	0	0	11	50	6.2
NEWARK WB AIRPORT	NNE	16	9.0	30	SSW	7	73	74	59	69	2	4	3	4	0	0	13	-	7.0
TRENTON WB CITY	-	-	8.6	35	S	7	-	-	-	-	2	4	5	3	0	0	14	49	6.5

Ø 12:00 Noon

See Reference Notes Following Station Index

DAILY PRECIPITATION

NEW JERSEY
DECEMBER 1959

Station	Total	Day of month																														
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
ATLANTIC CITY WB AP	3.15					T	.73	.01				T	.97	T				T	.35			.51	.02				T	T	.47	.09		T	.
ATLANTIC CITY R	3.49						.98						1.09	.01				.02	.36			.41	.06						.02	.46	.08			.
AUDUBON	3.68						.38	.52				T	.97						.18			.15	.10				T	.11	.76	.51			.
BASS RIVER ST FOREST	3.63							1.20					*	.95					.50			*	.12					*	.18	.53	.19		.
BELLEPLAIN	3.32							.87					.68	.40					.38				.42							.57			.
BELMAR	3.21								.01					1.06					T	.21			.81	T			T	T	T	1.12			.
BELVIDERE	3.98	T						.99	.12				.98	.51					.05	.02		.10	.19				T	.12	.18	.72			.
BERNARDSVILLE 2 E	5.69							1.57	.29				.33	.95	.20					.26			.53					.09	.12	1.19	.14		.
BLACKWELLS MILLS	5.09							1.54	.15				.40	.71						.14			.58					.11	.07	1.15	.24		.
BOONTON 2 SE	5.38							1.28	.29				.39	1.17	T					.04			.39	T				.10	.08	1.41	.23		.
BOUND BROOK 1 W	4.69							1.52	.10				.59	.49						.02			.35					.05	.05	1.30	.22		.
BRANCHVILLE	4.23							1.28	.20	T			.21	.95						.09			.37					.09	.10	.73	.21		.
BURLINGTON	4.29							.82	.02				.87	.14					.20			.18	.75					.10	.11	1.00	.10		.
CANISTEAR RESERVOIR	4.80						T	1.43	.15				.19	1.18						.09			.40					.10	.08	.87	.31		.
CANOE BROOK	5.47							1.56	.19				.52	.88						.40			.45					.09	.06	1.10	.22		.
CANTON	2.47							.59	T				.03	.86					.18	.03								.12		.52	.14		.
CAPE MAY 3 W	2.36												.65						.61	.13		.07	.45							.37	.04	.04	.
CEDAR GROVE	4.80							1.63					.47	.87									.35						.15	1.13	.20		.
CHARLOTTEBURG	5.85							1.68	.13				.29	1.27						.10			.49					.13	.10	1.45	.21		.
CHATHAM	5.33							1.58	.05				.56	.78						.08			.70	.02				.11	.10	1.10	.25		.
CLAYTON	4.70							1.34	.05				1.05	.01					.30	.02		.17	T					.18	1.43	.15			.
CLINTON	5.12							1.02	.02				.72	.53					.08	T		.03	.72					.14	.17	1.47	.22			.
ELIZABETH	4.97						.03	1.20					.59	.52					.08	.02		.05	.63				.01	.01	.75	.88	.20			.
ELIZABETHPORT	4.26						.71	.61	.04				.84	.10					.08			.31	.19				.02	.07	.96	.29	.04			.
ESSEX FELLS SERV BLDG	5.46							1.52					.50	1.10									.70						.22	1.02	.40			.
FLEMINGTON 1 NE	4.98						T	1.21	.02				.80	.44					.10	T		.08	.40				T	.12	.20	1.48	.13	T		.
FORTESCUE	2.80							.60					.26	.63					.15	.30			.38							.33	.15			.
FREEHOLD	03.72							.03					.40	.63					.17			0.03	1.00					.08		1.19	.19			.
GREENWOOD LAKE	4.84							1.16	.15				.23	1.07						.12			.44	.02				.16	.07	1.20	.22	T		.
HAMMONTON 2 NNE	-							-	-				*	1.03					.03	.16			.48						-	.49	.21			.
HIGH POINT PARK	3.07							1.13	.18				.11	.60	.04					.06			.21					.08	.02	.50	.14			.
HIGHTSTOWN 1 N	4.19							1.05	.03				.50	.45					.14	T		.10	.30			T	T	T	.24	1.15	.23	T		.
INDIAN MILLS 2 W	3.74							.95	T				.80	.04					.24			.08	.37					.11	.07	1.07	.01			.
IRVINGTON	4.21						.88	.54					1.10	.06					.06			.26	.09				.03	.10	.86	.23				.
JERSEY CITY	3.93						.82	.12				T	.92	.04					.12			.18	.37				T	.13	.87	.36				.
LAMBERTVILLE	4.24				T			1.15	T				.95	.17					.14	.01		.02	.26					.15	.23	1.03	.13			.
LAURELTON 1 E	03.42						.60	.15					1.00	.02					.20	.05		T	0.48				.01	.05	.76	.10				.
LAYTON 3 NW	4.31							1.37	.05				.41	.75					.07			.15	.45						.23	.29	.58			.
LITTLE FALLS 1 E	4.93							1.52	.15				.51	.89						.04			.38					.10	.07	1.05	.22			.
LONG BRANCH R	4.29						.54	.30					.95	.07					.13			.57	.42				.01	.05	.84	.41				.
LONG VALLEY	06.02							1.30					1.70						.05			0.30	0.50					.45	1.30	.22	0.20			.
MACOPIN INTAKE	5.73							1.72	.25				.38	1.10						.08			.46					.13	.09	1.33	.19			.
MAHWAH	5.00							1.31	.04				.40	1.05						.11			.20					.19	.07	1.41	.22			.
MANVILLE	03.52						.65	.05				T	.92	T								0.60					.20	.10	.80	.20				.
MAYS LANDING	2.95							.40	.20				.80	.23					.20	.12		.25	.20						.10	.45				.
MIDLAND PARK	5.11						.81	.80					1.32	.15					.09			.15	.14					.07	.09	1.13	.36				.
MILLVILLE	3.20							.69	.10				*	1.13					.01	.33			.41							.38	.17			.
MILTON	5.95						.15	.95	.44	.03			.25	1.49						.10			.75						.23	1.14	.42			.
MOORESTOWN	4.73							.63	.05				.35	.53						.18			.37	T				.60	.60	1.20	.22			.
MORRIS PLAINS	5.06		T					1.03	.19				.44	1.23						.03			.30	T			T	.10	.11	1.41	.22			.
NEWARK WB AIRPORT R	4.17						.87	.67				T	.96	.08					.06			.22	.22				.04	.07	.70	.28	T			.
NEW BRUNSWICK EXP STA	4.66						.02	1.54	T				.47	.46					.08				.70					.08	1.08	.01	.22	T		.
NEW MILFORD	4.17						.66	.63					1.08	.06					.04			.08	.30				.04	.08	.76	.42	.02			.
NEWTON	4.19						T	1.27	.25				.24	1.00	T					.06			.29	T				T	.08	.76	.24			.
OAK RIDGE RESERVOIR	5.45							1.39	.16				.24	1.34					T	.12			.56					.14	.09	1.12	.29			.
OLDWICK	5.39							1.25	.13				.44	1.01						.07			.42					.13	.13	1.58	.23			.
ORANGE	5.55							1.92	.22					1.52						.04			.47						.16	1.00	.22			.
PATERSON	5.04							1.32	.12				.65	.75						.06			.56	.01				.13	.08	1.01	.29			.
PEMBERTON 3 E	4.00							.76	.07				.52	.35					.22	.02		T	.50					.11	.07	1.26	.11	.01		.
PHILLIPSBURG	3.98							.67	T					1.98									.48					.08	.25	.82				.
PHILLIPSBURG BRIDGE	3.27							1.15	.06				.08	.03						T			.56						.31	.90	.18			.
PLAINFIELD	5.21						.60	1.29					1.06	T					.12			.33	.40					.07	1.07	.27				.
PRINCETON WATER WORKS	4.11						.65	.58				T	.86	.04					.08			.30	.10				.07	.14	.96	.25	.08			.
RAHWAY	2.99						.54	.45				T	.72	.10					.03			.09	.02				T	.01	.81	.22				.
RIDGEFIELD	4.14						.52	.10				T	1.10	.06					.06			.10	.80				.04	.06	.67	.63				.
RINGWOOD	5.03							1.34	.05				.39	.98						.10			.40					.17	.88	1.32	.20			.
SHILOH	2.59		T					.73	.01				.72	.16				T	.32	.03		.02	.11					.01	.03	.40	.05			.
SOMERVILLE	4.57						T	1.54	.02				.92	.09					.08			.10	.42					.10	.25	.96	.09			.
SPLIT ROCK POND	5.36							1.37	.26				.41	1.13						.06			.26					.10	.12	1.44	.19			.
SUSSEX 3 N //	3.55							1.10	.16				.13	.72						.07			.27					.11	.08	.84	.27	T		.
TOMS RIVER	4.15							.95					1.00	.10									.96					.01	.13	.96	.04			.
TRENTON WB CITY R	3.58						.61	.24				T	.80	.02					.12	.02		.49	.05				.05	.10	.65	.43	T			.
TUCKERTON	04.10							*	*				*	2.00									0.10						1.30	.70				.
WANAQUE RAYMOND DAM	5.34							1.30	.07				.40	1.16						.09			.45					.13	.06	1.52	.16			.
WERTSVILLE	4.73	T						1.03	.08				.60	.60						.13			.44			.29	.34	.03	.97	.04	.18			.
WESTFIELD	5.04						.83	.90	.05				1.15	.15								.45	.25				.02	.05	.86	.33				.
WEST WHARTON	5.72							1.55	.10				.27	1.32						.08			.45					.11	.09	1.50	.25			.
WOODCLIFF LAKE	4.75						.67	.66					1.22	.10					.12			.17	.30				.13	.05	.95	.38				.
WOODSTOWN	3.53							.89	.02				.70	.24					.26	T		T	.15					.03	.08	1.06	.10			.

See Reference Notes Following Station Index

DAILY TEMPERATURES

Station		Day Of Month																													Average
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
ATLANTIC CITY W8 AP	MAX	45	52	54	52	53	53	52	46	50	49	51	57	56	42	48	61	57	46	42	35	38	33	24	37	45	49	48	56	54	45	38	47.4
	MIN	27	25	31	35	34	45	33	28	23	27	25	49	36	30	22	39	41	40	27	21	23	19	11	16	32	31	41	47	31	30	29	30.6
ATLANTIC CITY	MAX	46	51	52	50	52	52	52	47	50	50	52	56	54	43	46	61	58	48	42	36	42	32	24	37	46	46	47	54	53	47	39	47.3
	MIN	32	34	38	37	40	47	34	33	32	36	32	52	36	32	27	42	45	41	28	23	28	20	14	20	32	34	41	47	34	34	30	34.0
AUDUBON	MAX	45	53	53	54	55	54	51	42	51	48	49	58	59	43	47	60	58	46	43	36	37	32	26	33	39	44	43	52	42	45	39	46.4
	MIN	32	26	32	34	32	45	29	32	24	32	28	44	37	30	29	36	38	40	30	26	23	20	12	15	30	30	38	40	33	32	31	31.0
BELLEPLAIN	MAX	44	55	55	55	54	54	52	49	52	52	51	58	58	46	50	62	59	58	48	43	38	36	30	40	38	48	50	58	58	46	42	49.6
	MIN	28	22	29	38	38	46	37	33	21	29	23	45	42	30	19	26	37	40	36	18	23	25	11	15	30	30	40	43	37	32	30	30.7
BELVIDERE	MAX	42	47	50	51	49	48	48	39	45	47	42	56	57	46	43	58	54	45	41	34	32	32	24	30	32	37	36	38	38	41	37	42.5
	MIN	27	23	25	24	26	41	29	29	21	24	24	35	35	21	19	31	28	33	31	19	18	20	2	10	22	30	33	33	30	30	19	25.5
BOONTON 2 SE	MAX	38	43	48	55	55	55	50	42	38	43	46	43	57	52	41	45	55	52	39	40	32	32	30	28	32	36	42	37	40	36	40	42.6
	MIN	26	23	25	31	32	33	41	31	20	26	26	30	42	28	20	22	33	33	34	24	17	19	3	3	12	27	34	34	33	31	24	26.4
BURLINGTON	MAX	42				55	52	51	41	50	47	47	59	59	44	47		55	50	43	37	36	34	33	34	38	41	41	56	54	43		45.7
	MIN	31	26	30	31	32	45	31	31	24	32	27	41	40	29	24	34	37	40	32	25	23	25	10	15	27	28	34	38	33	32	28	30.2
CANOE BROOK	MAX	38	44	50	55	53	50	50	39	38	46	45	43	58	49	42	45	55	53	42	41	32	31	30	24	34	36	47	37	40	36	40	42.7
	MIN	25	21	24	26	27	36	38	29	20	27	22	30	41	28	18	22	28	31	33	19	16	21	- 3	4	18	27	34	34	34	30	19	25.1
CAPE MAY 3 W	MAX	46	54	52		55	55			52	48	52	55	56	45	49	54	53	53	48	41	41	41	33	43	46	45	50	52	53	47	43	48.6
	MIN	36	29	39		40	46			26	42	34	47	42	35	26	42	43	41	37	30	30	28	16	20	30	38	40	38	39	38	32	35.1
CHARLOTTEBURG	MAX	35	41	48	54	53	49	48	45	37	43	45	42	57	54	37	42	55	51	37	39	29	28	27	22	34	36	45	37	40	34	38	41.4
	MIN	23	21	23	30	27	30	40	28	18	25	28	30	41	25	17	17	27	30	30	20	13	16	4	3	10	26	33	32	31	28	19	24.0
CLAYTON	MAX	39	50	52	52	53	54	52	42	52	47	50	58	58	44	47	51	57	51	43	46	38	34	34	45	47	54	55	57	57	45	43	48.6
	MIN	25	29	29	35	30	42	32	31	24	34	25	45	41	27	22	36	38	40	30	21	24	24	11	17	26	36	37	36	34	32	30	30.4
ELIZABETH	MAX	47	52	57	56	52	49	56	41	46	48	44	57	58	45	44	58	55	49	49	42	36	33	28	34	37	39	40	43	41	43	41	45.8
	MIN	27	18	27	31	35	36	30	29	22	27	23	41	35	26	21	35	30	37	37	19	20	20	6	13	27	26	33	38	31	30	22	27.5
ESSEX FELLS SERV BLDG	MAX	37	44	50	50	51	48	50	44	38	39	49	45	58	45	42	45	56	55	46	38	35	33	35	28	40	38	39	40	41	35	37	42.9
	MIN	18	20	29	33	30	39	42	30	20	23	30	35	40	32	20	21	34	30	28	20	18	16	8	8	20	24	33	36	33	18	20	26.1
FLEMINGTON 1 NE	MAX	45	51	56	57	51	48	48	38	46	45	41	57	56	42	47	57	54	39	41	35	34	29	24	36	39	41	38	41	42	42	38	43.8
	MIN	26	20	21	26	31	42	31	26	14	21	21	36	36	26	16	29	29	34	32	19	18	18	- 1	2	27	30	33	36	32	32	21	25.3
FREEHOLD	MAX	44	50	55	53	52	50	49	41	49	47	45	57	55	42	47	58	53	48	43	32	35	33	23	33	41	39	40	45	40	43	37	44.5
	MIN	29	27	26	30	35	43	32	30	23	31	27	41	36	26	21	34	37	39	34	20	21	21	2	8	28	27	36	38	34	31	25	28.8
HAMMONTON 2 NNE	MAX	39	46	54	54	54	57	54	37	44	52	48	58	56	46	41	48	60	58	46	42	38	37	28	22	38	39	46	49	58	38	46	46.2
	MIN	25	22	25	27	29	39	33	29	22	28	28	38	44	29	28	31	37	38	33	19	19	21	6	8	12	27	26	38	34	29	28	27.4
HIGH POINT PARK	MAX	33	35	43	50	46	41	42	38	34	38	40	44	54	36	32	39	50	42	32	33	26	19	25	29	39	34	40	38	38	33	38	37.5
	MIN	20	25	25	27	31	34	34	22	17	24	24	26	34	16	19	23	22	22	22	11	8	9	- 4	- 4	4	26	27	26	25	23	16	20.5
HIGHTSTOWN 1 N	MAX	43	51	52	51	53	48	50	38	48	47	45	58	58	41	45	56	53	48	42	34	35	30	22	31	38	39	38	44	43	41	38	43.9
	MIN	29	23	26	30	29	44	31	31	24	31	26	41	38	27	21	35	35	38	34	21	20	21	5	9	28	29	34	37	34	31	26	28.6
INDIAN MILLS 2 W	MAX	45	53	55	54	55	54	50	41	52	47	48	58	58	41	48	60	57	48	42	35	38	33	23	33	40	44	43	55	53	43	38	46.6
	MIN	26	19	25	32	24	44	30	31	19	31	22	44	40	26	16	34	33	39	32	16	19	20	4	7	28	26	37	42	33	29	25	27.5
JERSEY CITY	MAX	43	46	51	51	49	47	50	39	44	47	47	52	52	41	42	55	52	41	38	31	32	27	22	28	36	40	39	41	37	42	37	41.9
	MIN	34	34	34	38	42	44	28	32	27	34	34	48	30	29	28	39	41	37	26	23	20	14	8	15	26	34	35	35	31	30	28	30.9
LAMBERTVILLE	MAX	45	50	53	55	52	48	50	39	48	47	43	57	58	43	47	57	53	47	43	36	33	31	26	30	36	40	38	42	43	43	39	44.3
	MIN	30	23	25	27	27	41	31	31	19	23	25	37	38	27	20	31	30	38	33	21	20	22	5	10	28	29	35	36	33	32	23	27.4
LAURELTON 1 E	MAX	47	50	53	52	52	51	52	41	52	48	49	55	56	43	49	59	55	44	42	36	37	32	22	33	41	43	42	48	42	43	39	45.4
	MIN	24	20	25	28	29	45	31	25	22	26	24	49	33	25	19	38	35	38	24	20	18	13	5	11	30	29	37	42	32	25	23	27.3
LAYTON 3 NW	MAX	40	45	53	52	45	46	48	40	44	45	37	54	57	40	43	54	50	43	40	30	30	30	25	28	33	40	36	35	37	37	34	41.0
	MIN	27	23	18	19	22	33	30	28	11	20	18	30	35	24	15	29	24	28	29	15	10	19	- 2	- 2	22	23	30	35	30	32	25	22.6
LITTLE FALLS 1 E	MAX	38	46	52	58	57	51	52	39	42	47	48	44	60	45	45	46	59	55	41	43	35	33	30	26	34	38	46	39	42	37	44	44.3
	MIN	29	24	27	31	31	37	38	30	25	31	29	34	42	26	21	25	30	35	33	24	18	20	4	10	17	32	35	35	33	30	22	27.7
LONG BRANCH	MAX	48	51	53	52	52	51	53	40	50	47	50	56	56	42	50	58	55	46	40	35	35	31	24	32	42	42	45	46	40	43	38	45.3
	MIN	31	27	29	37	37	47	32	31	27	35	30	50	35	29	25	40	42	40	27	22	27	15	12	20	33	32	37	38	32	29	28	31.5
LONG VALLEY	MAX	41	46	54	56	48	45	48	38	42	46	42	56	60	42	52	57	52	42	41	35	33	32	25	33	35	43	42	41	47	41	39	43.7
	MIN	26	20	22	25	25	40	26	28	20	26	19	32	33	24	22	29	27	32	28	19	15	18	5	7	24	28	35	36	32	29	18	24.8
MILLVILLE	MAX	41	47	52	55	55	56	56	40	48	54	50	55	58	50	42	49	61	58	47	43	37	39	31	25	38	45	48	50	56	40	47	47.5
	MIN		26	29	32	32	42			23	27	26	31	49	31	22	26	38	41	36	23	25	25	12	13	18	33	34	42	38	33	31	29.9
MOORESTOWN	MAX	45	53	53	54	55	53	50	41	51	47	48	59	58	42	47	60	55	43	43	35	37	30	24	34	39	42	42	51	39	43	39	45.5
	MIN	30	25	27	31	30	44	31	30	24	33	28	41	33	29	21	37	40	39	26	24	22	15	8	12	30	28	40	39	32	31	29	29.3
MORRIS PLAINS	MAX	37	43	50	57	55	48	49	39	38	43	46	42	57	51	42	45	55	52	38	40	32	29	29	27	31	36	44	38	39	35	40	42.2
	MIN	26	22	25	29	29	31	38	27	19	23	24	31	41	27	20	23	30	35	32	22	16	18	5	8	16	28	32	34	33	28	21	25.6
NEWARK W8 AIRPORT	MAX	45	50	54	54	51	50	52	41	47	48	46	58	59	44	46	59	55	45	42	34	34	30	26	33	38	42	41	43	38	43	39	44.7
	MIN	33	30	34	38	38	44	32	30	26	32	32	43	36	30	28	38	40	39	27	23	22	17	10	17	28	32	36	37	34	32	28	31.2
NEW BRUNSWICK EXP STA	MAX	45	50	55	52	51	48	52	39	46	46	43	58	58	43	45	57	54	51	42	36	32	30	28	32	37	40	39	43	43	42	38	44.4
	MIN	29	23	27	30	31	42	29	29	18	28	25	39	37	25	21	35	35	37	32	20	18	19	3	12	27	28	34	35	32	30	24	27.5
NEWTON	MAX	36	41	41	50	49	48	48	41	36	42	44	39	57	50	38	42	54	50	37	38	30	28	27	18	23	33	40	35	36	33	39	39.5
	MIN	26	24	24	27	26	29	40	29	20	23	25	30	36	22	19	24	28	31	32	18	15	18	5	6	9	22	31	31	31	29	16	24.1
PATERSON	MAX	34	45	50	55	54	50	51	43	41	48	43	55	58	46	42	45	58	55	45	43	35	33	30	25	32	40	43	45	41	37	43	44.0
	MIN	27	28	30	34	37	38	41	31	25	30	30	35	45	29	26	29	36	36	36	23	19	19	7	7	15	30	37	35	33	30	26	29.2
PEMBERTON 3 E	MAX	46	54	55	55	55	53	51	41	57	48	48	58	56	43	48	59	55	49	45	37	37	34	25	35	39	41	42	56	54	44	40	47.1
	MIN	26	22	25	29	28	44	29	30	20	27	22	42	41	25	18	35	33	39	34	17	21	22	4	9	27	28	36	40	36	32	25	27.9
PHILLIPSBURG	MAX	43	49	50	54	55	51	49	39	47	47	47	57	58	51	48	58	59	51	42	46	32	32	30	28	38	40	42	41	41	42	41	45.4
	MIN	31	25	27	29	27	41	31	30	24	29	25	38	29	26	21	29	30	36	33	21	21	21	13	12	24	32	30	36	37	32	22	27.8
PLAINFIELD	MAX	46	51	55	55	51	50	44	40	47	48	48	58	56	45	46	58	55	42	45	37	34	32	30	36	37	40	39	42	38	42	39	44.7
	MIN	27	23	26	27	31	40	33	31	21	29	25	39	32	27	21	33	33	38	34	19	20	22	2	14	26	28	35	36	34	32	22	27.7
RIDGEFIELD	MAX	46	50	54	54	51	47	50	41	47	48	43	56	57	42	45	56	52	42	42	33	33	30	25	30	39	41	42	42	36	42	38	43.7
	MIN	29	28	30	32	35	44	32	32	26	32	27	44	35	28	24	36	36	37	26	23	20	11	7	13	25	31	35	36	32	32	24	29.1
SHILOH	MAX	46	51	52	51	55	56	50	45	53	50	49	57	57	43	47	60	57	52	44	37	37	33	28	34	40	44	48	55	55	46	40	47.5
	MIN	31	28	30	33	34	42	32	31	27	35	28	44	41	29	23	34	40	39	37	23	23	24	12	16	28	32	39	43	36	33	30	31.5

See Reference Notes Following Station Index

Continued

DAILY TEMPERATURES

Station		Day Of Month																													Average
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
SOMERVILLE	MAX	44	50	51	54	51	47	49	39	46	45	42	57	57	42	45	56	53	43	42	42	32	31	25	33	36	39	39	42	40	41	38	43.6
	MIN	27	21	25	27	29	41	31	31	20	24	21	41	38	26	19	29	30	37	27	22	19	22	4	8	28	27	35	37	32	31	21	26.8
SUSSEX 3 N	MAX	36	40	46	52	48	47	45	48	41	40	44	37	57	37	37	40	53	51	37	38	30	22	23	15	29	32	39	36	35	32	38	38.9
	MIN	24	25	25	30	29	31	40	28	20	20	24	26	36	24	19	20	32	30	30	19	14	15	- 6	- 1	5	20	31	31	31	30	17	23.2
TOMS RIVER	MAX	42	52	54	52	57	54	52	42	52	42	47	56	60	44	42	62	56	48	50	36	23	42	41	25	38	44	44	53	47	44	39	46.5
	MIN	25	19	24	26	24	35	32	32	20	24	20	44	38	28	18	29	31	40	35	15	8	18	8	9	28	28	37	42	33	32	24	26.6
TRENTON WB CITY	MAX	44	51	53	53	53	49	51	40	50	46	47	59	58	42	45	59	55	43	41	34	35	29	23	31	39	40	42	45	38	42	38	44.4
	MIN	34	31	33	37	36	45	31	32	28	34	33	43	34	29	28	38	41	37	26	24	22	17	11	17	30	30	37	38	33	32	30	31.3
TUCKERTON	MAX	50	50	55	54	62	52	52	46	53	50	48	55	55	43	47	62	60	53	48	37	38	40	24	38	45	49	45	53	54	53	40	48.7
	MIN	27	20	26	29	27	45	29	30	21	33	23	43	40	26	17	36	35	38	34	17	20	22	7	13	30	30	40	42	36	31	26	28.8
WOODSTOWN	MAX	46	52	53	52	55	55	52	44	53	49	49	58	58	43	47	61	58	53	44	37	37	33	28	33	39	44	47	56	57	45		47.9
	MIN	26	25	29	29	29	43	31	31	23	33	24	43	41	28	21	35	35	39	36	21	23	23	11	14	29	29	40	42	36	30		30.0

DAILY SOIL TEMPERATURES

Station And Depth		Day of month																													Average
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
NEW BRUNSWICK EXP STATION																															
1 INCH	MAX	41	41	45	44	44	45	46	39	39	40	38	48	48	41	38	43	43	41	40	37	34	35	35	35	35	36	36	39	38	39	37	39.8
	MIN	35	34	35	36	37	43	39	36	35	35	35	39	40	35	33	36	38	39	34	33	31	34	35	34	35	35	35	36	36	34	33	35.7
2 INCHES	MAX	40	41	42	43	43	45	45	40	39	39	38	47	47	41	38	42	42	41	40	37	34	35	36	36	35	36	36	39	38	38	36	39.8
	MIN	37	36	37	38	38	43	40	37	36	36	35	39	41	36	34	37	38	40	36	34	33	34	33	33	35	35	35	36	36	35	34	46.6
4 INCHES	MAX	40	41	42	42	43	45	45	40	38	39	38	47	47	41	38	42	42	41	40	36	34	35	36	36	35	36	36	39	38	38	36	39.6
	MIN	37	36	37	38	38	43	40	37	36	36	35	39	41	36	35	37	38	40	36	34	33	34	35	35	35	35	35	36	36	35	34	36.6
8 INCHES	MAX	41	41	42	42	43	44	45	42	39	39	39	45	46	43	40	41	41	41	40	39	37	36	36	37	37	36	36	38	38	38	36	40.0
	MIN	39	38	39	40	39	43	41	39	38	37	37	39	43	40	37	39	40	41	39	37	35	36	36	36	36	36	36	36	37	37	35	38.2
12 INCHES	MAX	43	42	43	42	43	45	45	43	41	41	40	43	45	44	42	41	42	42	41	41	40	38	38	38	38	38	38	39	39	39	38	41.1
	MIN	42	41	41	42	42	43	43	41	40	40	40	40	43	41	40	40	41	41	41	39	38	37	37	37	37	37	37	38	38	38	37	34.6
16 INCHES	MAX	44	43	43	43	44	45	45	44	43	42	41	43	43	44	43	42	42	42	42	42	41	39	39	39	39	38	38	39	39	39	39	41.7
	MIN	43	42	42	43	43	44	44	42	41	41	40	41	43	42	41	41	41	42	42	40	38	38	38	38	38	38	38	38	39	39	38	40.6

Slope of ground: Flat. Ground cover: Kentucky Bluegrass. Instrumentation: Copper-Constantan Thermocouples connected to a Brown Electronik Potentiometer.

See Reference Notes Following Station Index

SNOWFALL AND SNOW ON GROUND

Station		Day of month																												
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
ATLANTIC CITY WB AIRPORT	SNOWFALL							.1														1.2	.2							T		T
	SN ON GND																					T	T	T	T							
	WTR EQUIV																															
ATLANTIC CITY	SNOWFALL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	SN ON GND	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BASS RIVER ST FOREST	SNOWFALL																						2.0									
	SN ON GND																															
BELVIDERE	SNOWFALL	T						I.6	.2										T			3.5	2.0						.1		
	SN ON GND							2	T	T	T	T										4	6	6	5	4	2	T	T	T	T	T
CHARLOTTEBURG	SNOWFALL								.5														8.0								3.0	
	SN ON GND								1														8	8	6	4	2	T			3	2
CLAYTON	SNOWFALL							.5														T	T									
	SN ON GND							1														T										
FLEMINGTON 1 NE	SNOWFALL							5.0														1.5	6.5							1.0		T
	SN ON GND							3	2	1	T	T										2	7	7	6	4	3	2	T	1	T	
FREEHOLD	SNOWFALL							.5														.3	10.3							1.5		
	SN ON GND																					T	11	I1	7	4	2	T				
HIGHTSTOWN 1 N	SNOWFALL							.5	T													1.0	5.0			T	T			T	I.3	T
	SN ON GND							T	T													1	6	6	6	4	2	T		T		
INDIAN MILLS 2 W	SNOWFALL							1.8	T													.5	2.7							T	T	
	SN ON GND							1	T													T	3	3	2	1	T					
LAMBERTVILLE	SNOWFALL							2.0	T													.5	5.0							T		
	SN ON GND							2	T	T	T											1	5	5	4	3	1	T		T		
LAURELTON 1 E	SNOWFALL							T														T	4.8							T		
	SN ON GND							T														T	5	4	2	T	T					
LAYTON 3 NW	SNOWFALL							.2														I.7	5.0							2.4	.6	
	SN ON GND																					2	7	7	7	-	-	2	1	1	1	
LITTLE FALLS 1 E	SNOWFALL							.5															5.0								2.0	
	SN ON GND							1	1	T													5	5	5	4	4	2	1	1	2	1
LONG BRANCH	SNOWFALL							T														4.0	3.0							I.0		
	SN ON GND							T															7	7	7	5	4	2	T	T		
LONG VALLEY	SNOWFALL							2.0														3.0	5.0								2.0	
	SN ON GND							-	-	-												-	-	-	-	-	-				-	-
MAYS LANDING	SNOWFALL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	SN ON GND	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MILLVILLE	SNOWFALL							T															T									
	SN ON GND																															
MOORESTOWN	SNOWFALL								2.0														5.0	.5							T	
	SN ON GND								1	T	T	T											5	4	3	2	T				T	
MORRIS PLAINS	SNOWFALL		T						2.5											T			5.0	T						2.5	
	SN ON GND								-	-													-	-	-	-					-	
NEWARK WB AIRPORT	SNOWFALL							1.7														2.6	2.7							2.1	T	
	SN ON GND								T														5	4	3	3	2	1			T	
	WTR EQUIV																						.4	.4	.4	.3	.3					
NEW BRUNSWICK EXP STA	SNOWFALL							1.0															7.0							T	I.5	T
	SN ON GND							1	T														7	6	5	4	2	T		T		
NEWTON	SNOWFALL								-														-								-	
	SN ON GND								2	1	T	T											7	5	5	4	3	2	T	T	2	T
PATERSON	SNOWFALL								.1														7.3	.I						2.0		
	SN ON GND																						7	6	5	3	2	1			1	
PEMBERTON 3 E	SNOWFALL							.5	.3													T	4.0									T
	SN ON GND							1	T													T	3	3	3	2	1					
PHILLIPSBURG	SNOWFALL							T															6.0									
	SN ON GND																						6	3	2	1	T					
PLAINFIELD	SNOWFALL							2.5														*	8.5							2.0		
	SN ON GND																					-	-	7	4	3	2					
RAHWAY	SNOWFALL							1.3														5.0	1.8							1.3		
	SN ON GND							1														5	7	5	4	4	3	T		1		
RIDGEFIELD	SNOWFALL							I.0														1.0	0.0							1.5		
	SN ON GND							1														1	10	9	8	6	4	3	T	2	T	
SOMERVILLE	SNOWFALL							3.0														1.0	5.2							T		
	SN ON GND							3	T													1	6	6	-	-	-			T		
TRENTON WB CITY	SNOWFALL							.8														4.7	.5							.2		
	SN ON GND								T	T													5	4	3	1	I	T			T	
WANAQUE RAYMOND DAM	SNOWFALL								.5														6.0								1.3	
	SN ON GND								-														-	-	-	-	-				-	-

See reference notes following Station Index.

CLIMATOLOGICAL DATA

NEW JERSEY
DELAYED DATA

Station	Temperature												Precipitation										
										No. of Days													
										Max		Min											
	Average Maximum	Average Minimum	Average	Departure From Long Term Means	Highest	Date	Lowest	Date	Degree Days	90° or Above	32° or Below	32° or Below	0° or Below	Total	Departure From Long Term Means	Greatest Day	Date	Snow, Sleet Total	Snow, Sleet Max Depth on Ground	Snow, Sleet Date	.10 or More	.50 or More	1.00 or More
NOVEMBER 1956																							
SANDY HOOK	53.0	41.6	47.3	.5	69	16	24	24	522	0	6	0	0	2.74	- .64	1.19	18	.0	0		5	2	1
FEBRUARY 1959																							
TUCKERTON	44.4	22.2	33.3		57	10	5	2	882	0	23	2	0	3.30		1.00	5+		0		5	3	2
MARCH 1959																							
TUCKERTON	51.5	28.5	40.0		74	20	14	22	770	0	21	0	0	5.43		2.00	8		0		7	3	2
APRIL 1959																							
TUCKERTON	62.0	39.7	50.9		85	8	29	24+	415	0	7	0	0	3.95		1.10	2	.0	0		5	5	1
MAY 1959																							
TUCKERTON	76.1	50.3	63.2		92	30	34	17	148	3	0	0	0	1.80		.70	29	.0	0		3	3	0
JUNE 1959																							
TUCKERTON	82.5	59.1	70.8		100	29	45	15	31	7	0	0	0					.0	0				
AUGUST 1959																							
TUCKERTON	84.6	65.1	74.9		94	22	47	3	4	8	0	0	0	4.10		2.10	5	.0	0		4	4	1
SEPTEMBER 1959																							
TUCKERTON	79.5	56.5	68.0		90	9+	34	18	63	2	0	0	0	3.68				.0	0				

DAILY PRECIPITATION

Station	Day of month																													Total
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
NOVEMBER 1956																																
SANDY HOOK L8 STA	.56	.28	T					.06				T	T				.04	1.19				.44			.02	.15						2.74
FEBRUARY 1959																																
TUCKERTON				1.00	1.00					.80			.40	.10																		3.30
MARCH 1959																																
TUCKERTON								2.00		.30		1.40				.13											.90	.40		.30		5.43
APRIL 1959																																
TUCKERTON		1.10								.90	.80		.65							.50												3.95
MAY 1959																																
TUCKERTON	.60													.50															.70			1.80
JUNE 1959																																
TUCKERTON		*	*									*	1.50			-			-									-	-			-
JULY 1959																																
CHATHAM		.47									.04				.50	.77				.20	.69			1.18	.42							4.27
AUGUST 1959																																
TUCKERTON					2.10			.90														.55	.50								.05	4.10
SEPTEMBER 1959																																
TUCKERTON	.08	*	2.50	.50																									.60			3.68

See Reference Notes Following Station Index

DAILY TEMPERATURES

NEW JERSEY
DELAYED DATA

Station		Day of month																													Average
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
NOVEMBER 1956																																	
SANDY HOOK LB 5TA	MAX	67	62	57	65	61	58	60	56	55	46	50	63	53	56	65	69	58	45	44	51	63	55	38	33	44	45	44	41	46	41		53.0
	MIN	61	57	50	51	53	52	48	53	43	34	29	49	41	39	47	54	40	39	33	40	47	38	29	24	30	38	35	32	35	28		41.6
FEBRUARY 1959																																	
TUCKERTON	MAX	34	27	37	50	48	43	43	53	40	57	55	34	53	48	55	47	51	48	42	23	40	44	42	45	40	43	50	50				44.4
	MIN	13	5	7	34	32	25	14	32	28	36	31	13	27	38	37	17	24	33	21	8	12	15	25	25	15	11	20	23				22.2
MARCH 1959																																	
TUCKERTON	MAX	43	47	42	48	48	67	52	45	50	46	40	50	40	43	53	53	47	44	56	74	65	54	51	72	61	52	46	70	40	44	53	51.5
	MIN	26	30	24	34	21	35	32	19	29	31	25	32	20	29	35	36	23	20	19	36	41	14	17	32	29	41	37	27	17	34	37	28.5
APRIL 1959																																	
TUCKERTON	MAX	55	58	62	55	60	60	67	85	76	65	51	53	45	53	70	76	80	78	75	60	52	53	53	62	67	65	60	47	63	55		62.0
	MIN	30	39	36	41	29	32	30	45	51	43	43	33	32	34	37	44	47	44	51	46	44	38	32	29	36	52	45	42	42	44		39.7
MAY 1959																																	
TUCKERTON	MAX	68	66	72	67	65	78	80	77	70	65	78	83	81	69	65	62	68	76	75	83	83	90	85	73	70	70	82	87	89	92	90	76.1
	MIN	44	40	48	37	38	41	50	52	36	38	55	57	62	59	43	35	34	45	55	59	60	62	58	54	41	40	61	64	68	62	62	50.3
JUNE 1959																																	
TUCKERTON	MAX	65	70	80	99	88	85	86	90	89	95	92	72	83	71	73	74	65	71	75	85	85	86	80	85	80	90	84	78	100	99		82.5
	MIN	57	60	60	54	57	58	54	64	53	64	65	59	60	52	45	50	51	46	51	52	60	67	69	53	65	67	70	65	69	75		59.1
AUGUST 1959																																	
TUCKERTON	MAX	85	85	78	78	74	70	75	75	79	83	83	85	91	88	90	90	90	85	85	90	93	94	87	78	89	87	88	92	88	83	84	84.6
	MIN	74	61	47	48	65	59	60	61	69	67	65	64	67	71	70	73	73	73	68	60	67	74	66	65	65	66	68	68	65	60	58	65.1
5EPTEMBER 1959																																	
TUCKERTON	MAX	84	85	90	84	85	82	83	84	90	85	80	80	75	74	78	74	63	66	66	70	78	85	87	84	80	75	78	78	81	80		79.5
	MIN	59	71	72	69	60	59	56	59	62	69	62	48	48	50	59	55	39	34	38	40	44	53	54	61	58	54	53	68	71	70		56.5

CORRECTION5

MONTH: JUNE 1959

Evaporation and Wind Table:
Atlantic City WB AP

Water temperature, minimum average for month should be 64.1

MONTH: NOVEMBER 1959

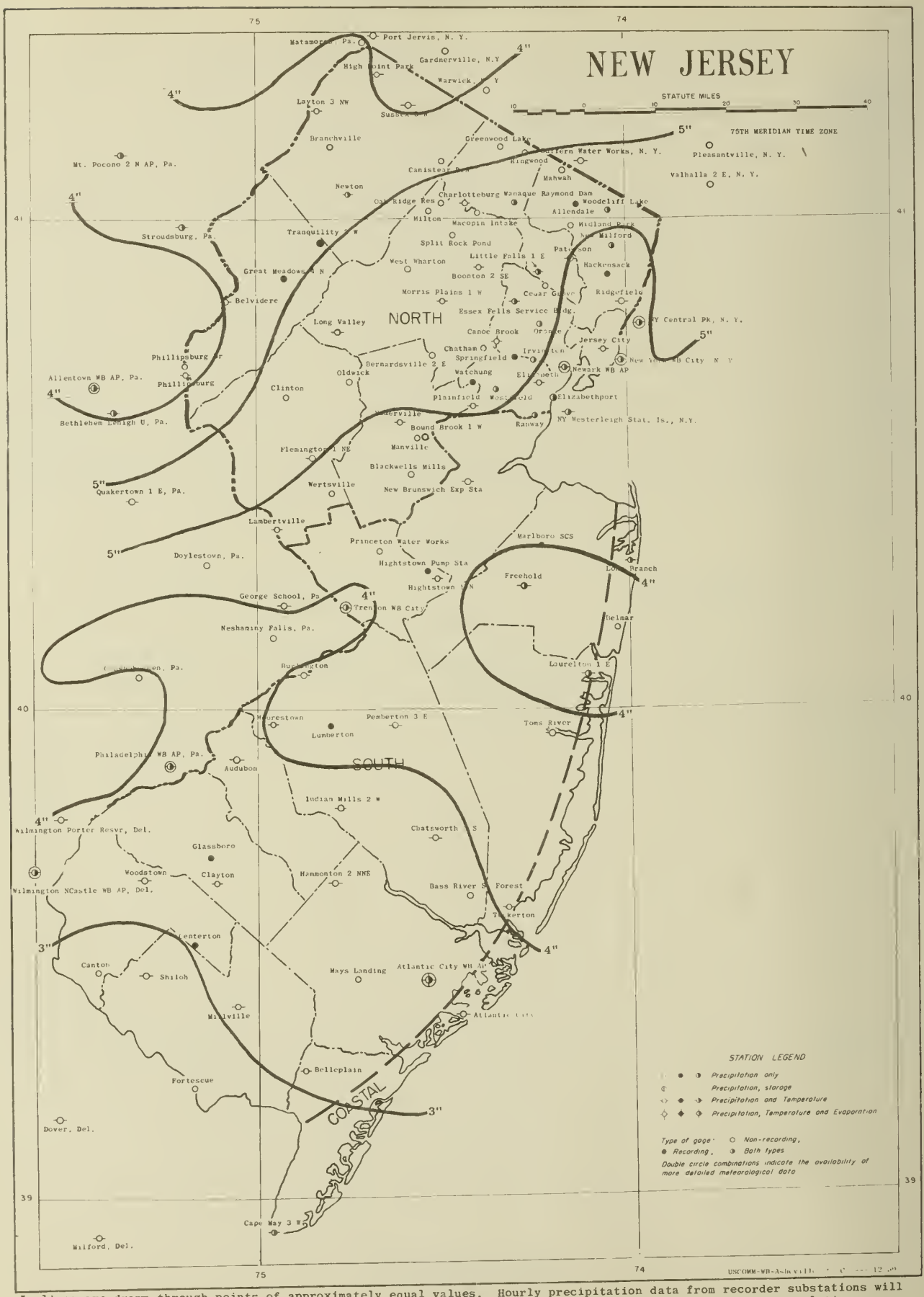
Climatological Data Table:
Essex Fells Serv Bldg

Greatest day of precipitation should be 1.10 on 7th.

See reference notes following Station Index.

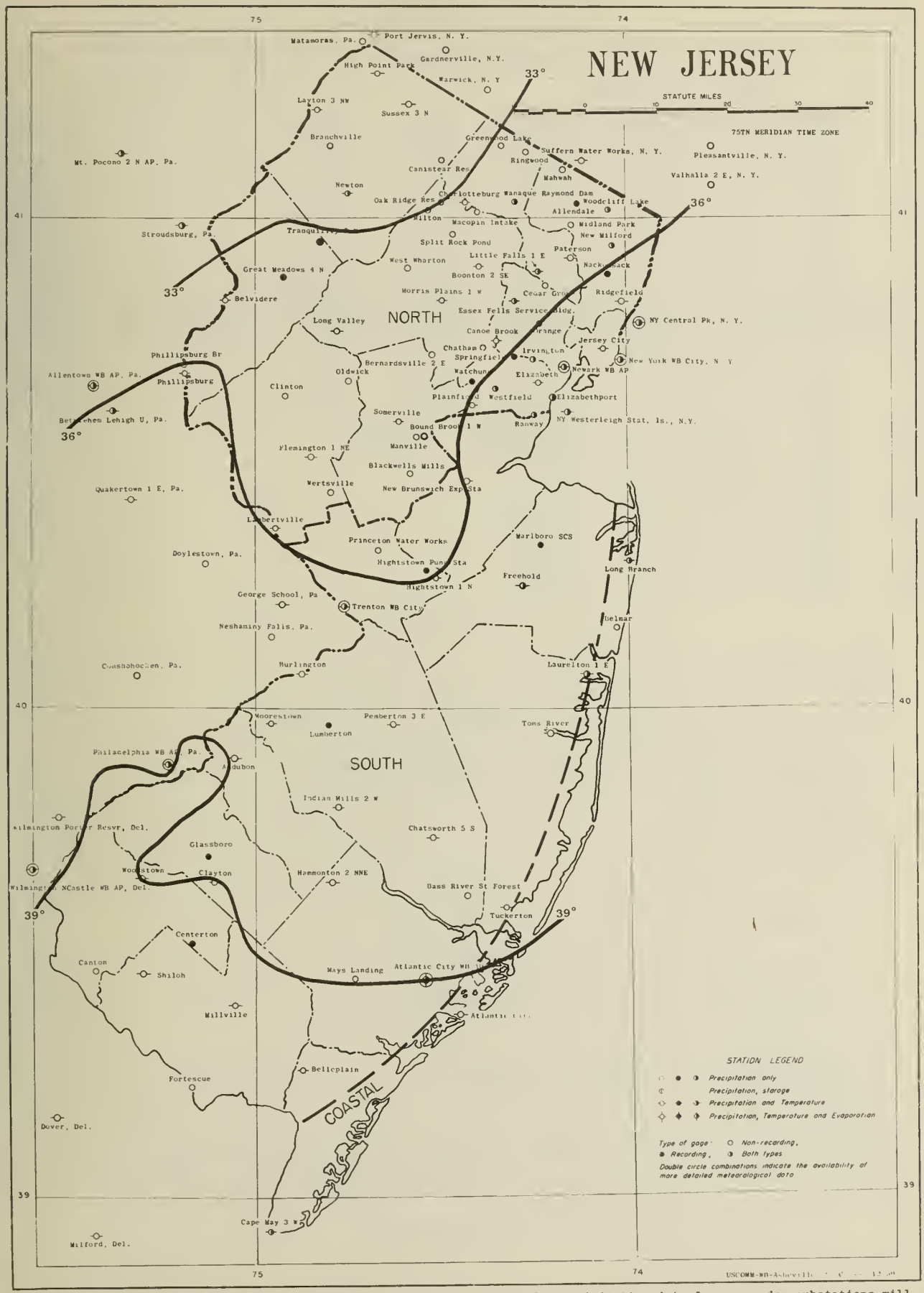
TOTAL PRECIPITATION

NEW JERSEY
DECEMBER 1959



Isolines are drawn through points of approximately equal values. Hourly precipitation data from recorder substations will be available in the publication "Hourly Precipitation Data". Caution advised in using these maps for interpolation, particularly in mountainous areas.

AVERAGE TEMPERATURE



Isolines are drawn through points of approximately equal values. Hourly precipitation data from recorder substations will be available in the publication "Hourly Precipitation Data". Caution advised in using these maps for interpolation, particularly in mountainous areas.

STATION INDEX

STATION	INDEX NO.	COUNTY	DRAINAGE ‡	LATITUDE	LONGITUDE	ELEVATION	OBSERVATION TIME AND TABLES: TEMP.	PRECIP.	EVAP.	SPECIAL (SEE NOTES)	OBSERVER
ALLENDALE	0100	BERGEN	8	41 02	74 08	270				C	BERGEN COUNTY ENGINEERS
ATLANTIC CITY WB AP	0311	ATLANTIC	1	39 27	74 35	58	MID	MID	7P	C HJ	U.S. WEATHER BUREAU
• ATLANTIC CITY	0325	ATLANTIC	1	39 23	74 26	10	MID	MID		H	STATE MARINA
AUDUBON	0346	CAMDEN	2	39 54	75 04	50	11P	11P			IRVIM J. MYGREH
BASS RIVER ST FOREST	0528	BURLINGTON	1	39 37	74 26	20		6P		H	N.J. FORESTRY SERVICE
BELLEPLAIN	0690	CAPE MAY	1	39 16	74 52	49	5P	5P			MRS. ED C. HOFFMAN
BELMAR	0721	MONMOUTH	1	40 10	74 02	19		8A			BELMAR WATER WORKS
BELVIDERE	0729	WARREN	2	40 50	75 05	275	5P	5P		H	CLEMENT MAUPT
BERNARDSVILLE 2 E	0797	SOMERSET	8	40 43	74 32	240		7A			BERNARDS WATER COMPANY
BLACKWELLS MILLS	0847	SOMERSET	10	40 29	74 35	27		7A			HENRY M. MILLER
BOONTON 2 SE	0907	MORRIS	8	40 54	74 24	280	8A	8A			JERSEY CITY WATER WORKS
BOUND BROOK 1 W	0927	SOMERSET	10	40 33	74 33	20		8A			AMERICAN CYANAMID CO.
BRANCHVILLE	0978	SUSSEX	2	41 09	74 45	570		7A			ALBERT M. DAVENPORT
BURLINGTON	1211	BURLINGTON	2	40 04	74 53	12	6P	6P			PUBLIC SVC. E. + G. CO.
CANISTEAR RESERVOIR	1327	SUSSEX	8	41 07	74 30	1040		8A			NEWARK WATER DEPARTMENT
CAMOE BROOK	1335	ESSEX	8	40 45	74 21	180	9A	9A	9A		COMMONWEALTH WATER CO.
CANTON	1343	SALEM	2	39 28	75 25	20		9A			GERTRUDE S. WILLIS
CAPE MAY 3 W	1351	CAPE MAY	1	38 56	74 57	17	5P	5P		C	M.WEST MAGNESITE CO.
CEDAR GROVE	1472	ESSEX	8	40 52	74 13	400		8A			J. A. PLUNKETT
CENTERTON	1512	SALEM	6	39 31	75 10	80				C	JOHN HOPKINS UNI.
CHARLOTTEBURG	1582	PASSAIC	8	41 03	74 26	760	7A	7A		H	NEWARK WATER DEPT.
CHATHAM	1590	MORRIS	8	40 44	74 23	185		8A			EDWARD P. MOLITOR
CHATSWORTH 5 S	1598	BURLINGTON	1	39 44	74 32	90	5P	5P			INACTIVE 5/58
CLAYTON	1708	GLOUCESTER	6	39 39	75 06	120	6P	6P		H	HARRY P. CAMPBELL
CLINTON	1749	HUNTERDON	10	40 38	74 55	300		6P			L. W. KLOCKNER
ELIZABETH	2644	UMION	1	40 40	74 14	33	5P	5P			UNION CO. PARK COMM.
ELIZABETHPORT	2652	UMION	8	40 38	74 12	10		MID		C	SEWAGE TPEATMENT PLAMT
ESSEX FELLS SERV BLDG	2761	ESSEX	8	40 50	74 18	250	8A	8A		C	BOROUGH ESSEX FELLS
FLEMINGTON 1 ME	3029	HUNTERDON	10	40 31	74 51	134	5P	5P		H	DONALD YOUMG
FORTESCUE	3102	CUMBERLAND	2	39 14	75 10	5		7A			JOHM LOPER
FREEHOLD	3181	MONMOUTH	10	40 15	74 17	194	6P	6P		C H	FRANK J. MOREAU
GLASSBORO	3291	GLOUCESTEP	2	39 42	75 07	150				C	PROF. J. B. SAMGREE
GREAT MEADOWS 4 M	3416	WARREN	2	40 56	74 55	540				C	GAMMA CHEMICAL CORP.
GREENWOOD LAKE	3516	PASSAIC	8	41 09	74 20	660		7A			GEORGE T. WIGGINS
HACKENSACK	3572	BERGEN	4	40 53	74 03	10				C	BERGEN COUMTY ENGINEERS
HAMMONTON 2 NME	3662	ATLANTIC	7	39 39	74 48	85	8A	8A			W. HUBBARD PARKHURST
HIGH POINT PARK	3935	SUSSEX	2	41 18	74 40	1570	8A	8A			M. J. DEPT.OF CONS.
HIGHTSTOWN 1 M	3951	MERCER	10	40 16	74 31	100	8P	8P		H	JAMES R. PICKERING
HIGHTSTOWN PUMPING STA	3956	MERCER	10	40 17	74 32	75				C	DEPT. WATER + SEWAGE
INDIAN MILLS 2 W	4229	BURLINGTOM	7	39 48	74 47	100	7P	7P		H	EDWARD EMTWISTLE
IRVINGTOM	4260	ESSEX	1	40 43	74 15	120		MID		C	JOIMT MEETING GARAGE
JERSEY CITY	4339	HUDSON	1	40 44	74 04	135	M+D	MID			JERSEY CITY WATER DEPT.
LAMBERTVILLE	4635	HUMTERDOM	2	40 22	74 57	75	6P	6P		H	E. E. CASE
LAURELTON 1 E	4700	OCEAM	1	40 04	74 07	20	MID	MID		C H	GEORGE G. WADDILL
LAYTON 3 NW	4735	SUSSEX	2	41 15	74 51	480	6P	6P		H	A. M. DEPUE
LITTLE FALLS 1 E	4887	PASSAIC	8	40 53	74 14	157	9A	9A		C H	PASSAIC VLY. WTR. COMM.
LONG BRANCH	4987	MONMOUTH	1	40 18	73 59	34	MID	MID		C HJ	WILLIAM D. MARTIN, JR.
LONG VALLEY	5003	MORRIS	10	40 48	74 46	660	6P	6P		H	ARTHUR BARKMAN
LUMBERTON	5055	BURLIMGTON	2	39 58	74 48	25				C	JAMES LAWTON
MACOPIM INTAKE	5071	PASSAIC	8	41 01	74 24	584		9A			NEWARK WATER DEPT.
MAHWAH	5104	BERGEN	8	41 06	74 10	253		7A			ROBERT G. GLASGOW
MANVILLE	5197	SOMERSET	10	40 33	74 34	50		MID			JOHM L. RADCLIFFE
MARLBORO SCS	5244	MONMOUTH	1	40 20	74 14	120				C	GEROW BRILL
MAYS LANDING	5346	ATLANTIC	3	39 27	74 44	50		5P		H	ELMER EARLE
MIDLAND PARK	5503	BERGEN	1	40 59	74 09	210		MID			RIDGEWOOD WATER CO.

STATION	INDEX NO.	COUNTY	DRAINAGE ‡	LATITUDE	LONGITUDE	ELEVATION	OBSERVATION TIME AND TABLES: TEMP.	PRECIP.	EVAP.	SPECIAL (SEE NOTES)	OBSERVER
MILLVILLE	5576	CUMBERLAND	6	39 24	75 03	60	8A	MID		C H	L. J. GALLAHER
MILTON	5597	MORRIS	8	41 01	74 32	950		7A			JERSEY CITY WATER WKS.
MOORESTOWN	5728	BURLINGTON	2	39 58	74 58	55	MID	8A		H	M. J. WILLARO
MORRIS PLAINS	5769	MORRIS	8	40 50	74 30	500	8A	8A		H	JAMES C. LONG
NEWARK WB AIRPORT	6026	ESSEX	1	40 42	74 10	11	MID	MID		C HJ	U.S. WEATHER BUREAU
NEW BRUNSWICK EXP STA	6062	MIDDLESEX	10	40 28	74 26	80	5P	5P		GH	ARTHUR M. AHLQUIST
NEW MILFOND	6146	BERGEN	4	40 57	74 02	12		MID		C	HACKENSACK WATER CO.
NEWTOM	6177	SUSSEX	2	41 03	74 45	565	8A	8A		C H	NEWTON WTR. + SWR. COMM.
OAK RIDGE PESEPVOIR	6460	PASSAIC	8	41 02	74 30	870		8A			NEWARK WATER DEPT.
OLDWICK	6544	HUNTERDON	10	40 40	74 45	260		8A			OAM A. COUGHLIN
ORANGE	6560	ESSEX	8	40 47	74 14	140		MID		C	COUMTY ENGINEER
PATERSON	6775	PASSAIC	8	40 55	74 09	100	8A	8A		H	P. J. DEL VECCHIO
PEMBERTOM 3 E	6843	BURLINGTON	2	39 58	74 38	60	5P	5P		H	PHILIP E. MARUCCI
PHILLIPSBURG	6974	WARREN	2	40 41	75 12	182	3P	3P		H	SEWAGE DISPOSAL PLANT
PHILLIPSBURG BRIDGE	6979	WARREN	2	40 42	75 12	198		9A			JOIMT TOLL BRIDGE COMM.
PLAIMFIELD	7079	UMION	10	40 36	74 25	120	8P	8P		H	MRS VIVIAN SCHERER
PRINCETOM WATER WORKS	7323	MERCER	10	40 19	74 40	90		MID			PRINCETON WATEP CO.
RAHWAY	7393	UMION	9	40 36	74 15	20		MID		C H	RAHWAY VLY. BWG. AUTH.
RIDGEFIELD	7545	BERGEN	4	40 50	74 01	80	MID	MID		H	GEORGE P. KIRSTEN
RINGWOOD	7587	PASSAIC	8	41 08	74 16	305		10A			NO. JERSEY WTR. SUPPLY
SHILOH	8051	CUMBEPLAND	2	39 28	75 18	120	5P	5P			EVERETT DICKIHSON
SOMERVILLE	8194	SOMERSET	10	40 34	74 37	75	6P	6P		H	W. E. HAVER
SPLIT ROCK POND	8402	MORRIS	8	40 58	74 28	800		10A			JERSEY CITY D. P. W.
SPRINGFIELD	8423	UMION	1	40 43	74 18	-				C	N. J. DEPT.OF CONS.
SUSSEX 3 N	8644	SUSSEX	5	41 14	74 35	530	7A	7A			BRICE B. STANTON
TOMS RIVER	8816	OCEAN	1	39 57	74 13	10	6P	6P			TOMS RIVER WATER CO.
TRANQUILITY 2 W	8858	WARREN	2	40 57	74 50	551				C	H. J. ERVEY
• TRENTON WB CITY	8883	MERCER	2	40 13	74 46	56	MID	MID		C HJ	U.S. WEATHER BUREAU
TUCKERTON	8899	OCEAN	1	39 36	74 20	10	6P	6P			REV. EDWARD O. HEGILL
WAMAQUE RAYMOMD DAM	9187	PASSAIC	8	41 03	74 18	320		8A		C H	WATER SUPPLY COMM.
WATCHUNG	9271	UMION	8	40 40	74 25	-				C	BOMNIE BUPM SANITARIUM
WERTSVILLE	9363	HUNTERDON	10	40 27	74 48	160		7A			ROBERT M. MANNERS
# WESTFIELD	9455	UNION	9	40 39	74 21	138		5P		C	CITY ENGINEER
WEST WHARTON	9608	MORRIS	8	40 54	74 36	680		7A			M.J. POWER + LIGHT CO.
WOODCLIFF LAKE	9832	BERGEN	4	41 01	74 03	103		MID		C	HACKENSACK WATER CO.
WOODSTOWN	9910	SALEM	2	39 39	75 19	50	5P	5P			CREAM VALLEY DAIRY

‡ 1-COASTAL; 2-DELAWARE; 3-GREAT EGG HARBOR, 4-HACKENSACK; 5-HUDSON; 6-MAURICE; 7-MULLICA; 8-PASSAIC; 9-RAHWAY; 10-RARITAN; 11-ROCKAWAY

REFERENCE NOTES

Additional information regarding the climate of New Jersey may be obtained by writing to the State Climatologist at Weather Bureau Office, c/o General Delivery, Trenton, New Jersey or to any Weather Bureau Office near you.

Figures and letters following the station name, such as 12 SSW, indicate distance in miles and direction from the post office.

Delayed data and corrections will be carried only in the June and December issues of this bulletin.

Monthly and seasonal snowfall and heating degrees for the preceding 12 months will be carried in the June issue of this bulletin.

Stations appearing in the Index, but for which data are not listed in the tables, either are missing or were received too late to be included in this issue.

Divisions, as used in "Climatological Data" Table and on the maps, became effective with data for September 1956.

Unless otherwise indicated, dimensional units used in this bulletin are: Temperature in °F, precipitation and evaporation in inches and wind movement in miles. Monthly degree day totals are the sums of the negative departures of average daily temperatures from 65° F.

Evaporation is measured in the standard Weather Bureau type pan of 4 foot diameter unless otherwise shown by footnote following the "Evaporation and Wind" Table. Max and Min in "Evaporation and Wind" Table refer to extremes of temperature of water in pan as recorded during 24 hours ending at time of observation.

Long-term means for full-time stations (those shown in the Station Index as "U. S. Weather Bureau") are based on the period 1921-1950, adjusted to represent observations taken at the present location. Long-term means for all stations except full-time Weather Bureau stations are based on the period 1931-1955.

Water equivalent values published in the "Snowfall and Snow on Ground" Table are the water equivalent of snow, sleet, or ice on the ground. Samples for obtaining measurements are taken from different points for successive observations; consequently occasional drifting and other causes of local variability in the snowpack may result in apparent inconsistencies in the record.

Entries of snowfall in the "Climatological Data" Table and the "Snowfall and Snow on Ground" Table, and in the "Seasonal Snowfall" Table include snow and sleet. Entries of snow on ground include snow, sleet and ice.

Data in the "Daily Precipitation" Table; "Daily Temperature" Table; and "Evaporation and Wind" Table, and snoefall in the "Snowfall and Snoe on Ground" Table, when published, are for the 24 hours ending at time of observation. The Station Index shoes observation times in local standard time. During the summer months some observers take the observatione on daylight saving time.

Snow on ground in the "Snoefall and Snoe on Ground" Table is at observation time for all except Weather Bureeu and FAA etations. For these stations snow on ground values are at 7:00 a.m., E.S.T.

In the Station Index the letters C, G, B, and J in the "Special" column under the heading "Observation Time and Tables", indicate the folloeing:

C Recording Rain Gage Station. Bourly precipitation values are processed for special purposes, and are published later in "Bourly Precipitation Data" Bulletin.
G "Soil Temperature" Table.
B "Snowfall and Snoe on Ground" Table. Omission of data in any month indicates no snowfall and/or snoe on ground in that month.
J "Supplemental Data" Table.

OTHER REFERENCE NOTES

No record in the "Climatological Data" Table and the "Daily Temperature" Table is indicated by no entry.
Interpolated values for monthly precipitation totals may be found in the annual issue of this publication.
- No record in the "Supplemental Data" Table; "Daily Precipitation" Table; "Evaporation and Wind" Table; "Snowfall and Snow on Ground" Table; "Daily Soil Temperature" Table; and the Station Index
+ And also on an earlier date or dates.
++ Fastest observed one minute wind speed. This station is not equipped eith automatic wind instruments.
Thermometers are generally exposed in a shelter located a few feet above sod-covered ground; however, the reference indicates that the thermometers are exposed in a shelter located on the roof of a building.
/ Gage is equipped with a eindshield.
AM This entry in time of observation column in Station Index means after rain.
AM Data based on observational day ending before noon.
B Adjusted to a full month.
D Water equivalent of snowfall eholly or partly estimated, using a ratio of 1 inch eater equivalent to every 10 inches of new snoefall.
M One or more days of record missing; if average value is entered, less than 10 daye record is missing. See "Daily Temperature" Table for detailed daily record. Degree day data, if carried for this station, have been adjueted to represent the value for a full month.
R Amounts from recording gage. (Those amounts are essentially accurate but may vary slightly from the amounts to be published later in Bourly Precipitation Data.)
SS This entry in time of observation column in Station Index means observation made near sunset.
T Trace, an amount too small to measure.
V Includes total for previous month.
X Observation time is 1:00 a.m., E.S.T. of the folloeing day.
VAR This entry in time of observation column in Station Index means variable.

General weather conditions in the U. S. for each montb are described in the publications MONTHLY WEATHER REVIEW, MONTHLY CLIMATOLOGICAL DATA-NATIONAL SUMMARY, and STORM DATA, all of which may be obtained from the Superintendent of Documents, Government Printing Office, Washington 25, D. C.

Information concerning the history of changes in locations, elevations, expoeure etc., of substations through 1955 may be found in the publication "Substation Bietory" for this state. That publication may be obtained from the Superintendent of Documents, Government Printing Office, Washington 25, D. C. for 15 cents. Similar information for regular Weather Bureau stations may be found in the latest annual issue of Local Climatological Data for the respective etatione, ohtained as indicated above, price 15 cents.

Subscription Price: 20 cents per copy, monthly and annual; $2.50 per year. (Yearly subscription includes the Annual Summary). Checks, and money orders sbould be made payable to the Superintendent of Documents. Realttance and correspondence regarding subscriptions whould be sent to the Superintendent of Documents, Government Printing Office, Washington 25, D. C.

USCOMM-WB-Asheville, N. C. --- 2/8/80 --- 775

551.05
UNNJ

U. S. DEPARTMENT OF COMMERCE
FREDERICK H. MUELLER, Secretary
WEATHER BUREAU
F. W. REICHELDERFER, Chief

CLIMATOLOGICAL DATA

NEW JERSEY

ANNUAL SUMMARY 1959
Volume LXIV No. 13

THE LIBRARY OF THE
MAR 28 1960

ASHEVILLE: 1960

Table 1

AVERAGE TEMPERATURES AND DEPARTURES FROM LONG-TERM MEANS

STATION	JANUARY		FEBRUARY		MARCH		APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER		OCTOBER		NOVEMBER		DECEMBER		ANNUAL	
	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure
ATLANTIC CITY WB AP	31.5	- 3.1	34.3	- .3	40.9	- .6	52.6	2.5	64.1	3.9	71.4	1.7	74.6	.3	76.1	3.2	69.7	2.3	59.5	2.9	45.3	- 1.2	39.0	2.3	54.9	1.1
ATLANTIC CITY	31.9	- 3.9	34.4	- 1.0	40.3	- 1.2	49.7	.3	61.1	2.0	71.5	2.8	73.7	.1	75.9	2.8	70.8	2.5	60.5	2.5	46.5	- 1.6	40.7	2.5	54.8	.7
AUDUBON	31.9		33.8		41.6		54.8		67.0		73.1		76.3		77.0		71.6		60.9		45.5		38.7		56.0	
BELLEPLAIN	32.5		35.1		42.7		54.1		65.8		71.8M		75.2		75.9		69.0		60.5		46.8		40.2		55.8	
BELVIDERE	29.3	- .8	30.3	- .9	39.0	- .7	53.2	2.3	64.3	2.0	70.5	- .3	73.9	- 1.6	73.4	.7	67.9	1.9	57.4	2.5	42.9	.2	34.0	2.0	53.0	.6
BOONTON 2 SE	27.4	- 1.7	28.2	- 1.1	36.8	- .9	51.0	2.3	62.3	3.0	68.3	.4	73.4	.4	72.9	2.1	67.2	3.7	56.2	2.7	42.6	.4	34.5	2.9	51.8	1.2
BURLINGTON	32.6	- 2.0	34.7	- .1	42.2	- .5	55.4	2.4	67.3	3.0	72.8	.0	76.6	- .7	77.5	2.0	71.5	2.7	61.2	3.2	M		38.0M	2.0		
CANOE BROOK	27.7	- 1.4	28.5	- .8	37.4	- .5	51.2	2.9	62.7	3.8	68.7	.8	74.1	1.0	74.2	3.1	68.3	4.2	56.6	2.7	43.2	.5	33.9	2.6	52.2	1.6
CAPE MAY 3 W	34.6M		36.4M		42.8		52.8		63.9		72.8M		75.4M		75.7M		72.4M		63.7M		48.9M		41.9M		56.8	
CHARLOTTEBURG	25.9	- 3.1	25.7	- 3.5	34.4	- 2.9	49.5	1.5	60.2	1.3	66.0	- .8	70.7	- .5	70.7	1.3	64.6	2.0	53.7	1.0	40.5	- 1.5	32.7	1.6	49.6	- .3
CLAYTON	31.8		34.3		41.8		54.9		66.0		71.8		75.7		76.7		70.1		60.6		45.9		39.5		55.7	
ELIZABETH	31.9	- 1.2	32.3	- .9	40.8M	- .6	54.8M	3.1	65.4	3.1	70.9	- .1	75.9	- .1	76.2	2.0	70.7	3.5	58.7	1.9	45.1M	- .3	36.7	1.9	55.0	1.1
ESSEX FELLS SERV BLOG	26.4		27.4		38.3		52.9		M		71.3		75.4		74.9		68.2		58.5		42.1		34.5			
FLEMINGTON 1 NE	29.1	- 2.8	29.9	- 2.4	38.8	- 2.0	52.9	1.8	63.5	1.4	70.5	- .3	75.3	- .4	74.5	.9	68.7	1.9	57.6	1.5	43.0	- 1.4	34.6	1.1	53.2	- .1
FREEHOLD	31.4	- 1.6	32.5	- .3	39.9	- .5	52.9	2.4	64.9	3.2	70.4	.1	75.1	.0	75.7	2.6	69.7	3.3	59.0	2.9	45.5	.3	36.7	2.0	54.5	1.2
HAMMONTON 2 NNE	31.8	- 2.9	34.2	- .2	41.9	- .5	53.3	1.3	65.2	2.4	71.1	- .4	75.6	- .6	75.6	1.4	69.4	1.8	59.0	3.7	44.7	1.6	36.8	.7	54.9	.7
HIGH POINT PARK	22.8		23.0		33.2		47.7		60.6		65.9		71.1		70.8		64.1		50.3		37.1		29.0		48.0	
HIGHTSTOWN 1 N	31.3	- 1.4	32.2	- .5	40.1	- .6	53.4	2.8	64.8	3.4	71.4	1.6	75.2	.2	74.9	2.1	69.2	3.1	58.9	2.9	45.5	.5	36.3	2.0	54.4	1.3
INDIAN MILLS 2 W	30.9	- 2.9	32.9	- .9	40.6	- .7	53.4	2.2	65.2	3.1	70.9	.6	74.1	- .8	75.2	2.3	68.8	1.8	58.8	2.7	44.4	- .9	37.1	2.1	54.3	.7
JERSEY CITY	30.2	- 2.7	29.8	- 2.9	38.2	- 2.1	51.7	1.3	63.4	2.0	68.9	- 1.4	73.8	- 1.9	74.8	.8	68.8	1.8	57.5	.5	43.7	- .2	36.4	2.8	53.1	- .2
LAMBERTVILLE	31.0	- .8	32.0	- .3	40.4	.2	53.7	3.0	65.2	3.6	71.5	1.5	76.0	1.1	75.7M	2.8	69.7	3.7	59.4	3.8	44.4	.2	35.9	2.2	54.6	1.8
LAURELTON 1 E			31.3	- 2.1	38.9	- 1.9	50.7	.4	62.9	1.5	69.4	- .5	73.5	- 1.2	75.4	2.9	68.8	3.0	58.7	3.2	43.6	- 1.5	36.4	1.3		
LAYTON 3 NW	26.5	- .5	27.6	- .1	37.0	.7	49.8	2.4	61.5	3.1	67.9	.6	72.2	.4	72.4	2.7	66.3	4.2	55.7	4.0	40.4	.4	31.8	3.0	50.8	1.8
LEESBURG STATE FARM	31.6		34.2		42.8		54.1		65.7		72.8															
LITTLE FALLS 1 E	29.6	- 1.7	30.3	- 1.2	38.8	- .9	53.2	2.8	64.8	3.5	70.1	.4	75.6	.7	75.6	2.8	69.9	4.2	58.0	2.4	45.1	.8	36.0	2.4	53.9	1.3
LONG BRANCH	32.2	- 1.1	32.4	- .5	39.4	- .8	51.1	1.6	63.3	3.5	69.9	.7	73.9	- .7	75.2	2.4	69.8	3.7	59.0	2.8	45.4	- .1	38.4	3.2	54.2	1.3
LONG VALLEY	28.5		28.6		37.4		51.5		61.5		68.2		72.6		72.4		66.4		55.8		41.5		34.3		51.5	
MILLVILLE	31.3M		34.0M		42.1		54.5		65.8M		73.4M		76.3		77.3		70.6		60.6M		45.8		38.7M		55.9	
MOORESTOWN	31.3	- 1.9	32.6	- .6	41.0	- .1	54.2	3.2	64.8	3.1	71.7	1.5	75.2	.0	75.9	2.8	70.1	3.8	59.5	3.6	44.1	.7	37.4	2.6	54.8	1.4
MORRIS PLAINS	27.4		28.2		36.6		50.8		62.9		68.6		73.7		73.3		67.4		56.0		41.6		33.9		51.7	
NEWARK WB AIRPORT	31.4	- .1	31.6	- .1	40.3	- .2	53.5	3.5	65.7	4.6	71.6	1.1	76.7	1.4	77.6	4.5	71.5	4.7	59.9	4.3	45.5	.6	38.0	4.0	55.3	2.4
NEW BRUNSWICK EXP STA	31.2	- 1.4	32.2	- .4	40.1	- .5	53.3	2.5	64.9	3.2	70.6	.6	74.7	- .4	75.2	2.1	69.1	2.5	58.6	2.4	44.9	- .1	36.0	1.8	54.2	1.0
NEWTON	25.4	- 2.5	26.0	- 2.1	35.8	- 1.1	50.2	2.0	61.3	1.9	67.5	.0	72.5	.0	72.2	2.0	65.3	2.2	54.3	1.4	41.2	.1	31.8	1.9	50.3	.5
PATERSON	29.5	- 2.4	30.0	- 2.0	38.2	- 1.7	52.8	1.9	65.3	3.2	69.6M	- 1.1	75.4	- .5	75.8	2.2	70.4	4.0	57.9	1.6	45.2	.4	36.6	2.5	53.9	.7
PEMBERTON 3 E	31.6	- 2.8	33.9	- .3	41.0	- 1.3	53.9	1.8	65.3	2.3	70.8	- .4	74.9	- .8	75.4	1.4	69.6	2.1	59.6	2.6	46.0	- .1	37.5	1.8	54.9	.5
PHILLIPSBURG	30.5	.1	32.8	1.9	41.6	2.3	54.6	4.4	65.8	4.4	71.7	1.9	75.4	1.0	73.9	1.6	70.2	5.0	59.1	6.9	44.8	1.9	36.6	4.1	54.8	3.0
PLAINFIELD	31.0	- 1.2	31.5	- .9	39.9	- .3	53.4	2.7	64.8	3.5	70.9	1.0	75.6	.5	75.5	2.4	69.7	3.6	58.7	2.8	44.9	.3	36.2	2.1	54.4	1.4
RIDGEFIELD	30.2	- 1.0	30.4	- .9	39.4	- .3	52.7	2.5	65.0	3.9	70.2	.2	75.6	.4	76.1	3.1	70.6	4.6	58.3	2.7	43.7	- .5	36.4	2.9	54.1	1.5
SANDY HOOK LBSTA	33.2	- .4	34.2	1.2	41.8M	1.8	52.3	2.7	64.4	4.2	70.0	.3														
SHILOH	32.3	- 2.5	34.7	- .1	42.5	- .3	54.4	1.9	66.2	2.9	72.3	.5	75.6	- 1.0	76.6	1.9	70.6	2.6	61.0	3.7	46.4	.3	39.5	3.4	56.0	1.1
SOMERVILLE	29.8	- 1.7	29.8	- 2.1	39.1	- .9	52.9	2.6	64.2	3.0	70.5	.7	75.5	.8	75.2	2.4	69.2	3.2	58.0	2.5	43.7	- .1	35.2	2.0	53.6	1.0
SUSSEX 3 N	25.1	- 3.1	25.3	- 3.8	34.6	- 3.3	48.8	- .5	61.0	.6	67.1	- 1.8	72.3	- 1.1	71.5	.3	65.5	1.7	54.3	.7	40.5	- 1.6	31.1	.5	49.7	- 1.0
TOMS RIVER																					45.6		36.6			
TRENTON 2	29.0M		29.7		38.8		51.9M		65.4		72.1															
TRENTON WB CITY	31.7	- .9	32.4	- .3	40.8	- .5	53.9	3.2	65.5	3.7	72.2	1.4	76.0	.7	76.4	3.2	70.6	3.6	59.6	3.5	44.9	- .7	37.9	2.9	55.1	1.6
TUCKERTON	31.5		33.3		40.0		50.9		63.2		70.8		74.1		74.9		68.0		59.7		45.5		38.8		54.3	
WOODSTOWN	32.2		34.6		42.2		55.0M		66.9		73.2		76.2		77.1		70.7		61.3M		46.3		39.0M		56.2	
DIVISIONAL AVERAGES																										
NORTHERN	28.5	- 2.0	29.1	- 1.7	38.0	- 1.0	51.9	2.2	63.4	2.7	69.4	.2	74.2	.0	74.1	2.0	68.2	3.2	56.9	2.2	42.9	- .4	34.6	2.1	52.6	.8
SOUTHERN	31.5	- 2.3	33.4	- .3	41.3	- .2	53.7	2.4	65.6	3.5	71.7	1.0	75.4	- .1	76.1	2.6	70.0	3.1	59.8	3.2	45.5	.0	37.9	2.7	55.2	1.3
COASTAL	33.0	- 1.8	34.4	.3	40.8	.1	51.5	1.8	63.2	3.3	71.1	1.7	74.3	- .4	75.6	2.0	71.0	3.3	61.1	3.1	46.9	- .2	40.3	3.4	55.3	1.4

A narrative Special Weather Summary appeared in the August, September and October issues of this publication for 1959.

See Reference Notes Following Station Index

TOTAL PRECIPITATION AND DEPARTURES FROM LONG-TERM MEANS

TABLE 2

STATION	JANUARY		FEBRUARY		MARCH		APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER		OCTOBER		NOVEMBER		DECEMBER		ANNUAL	
	PRECIP	DEPARTURE	PRECIP	DEPARTURE	PRECIP	DEPARTURE	PRECIP	DEPARTURE	PRECIP	DEPARTURE	PRECIP	DEPARTURE	PRECIP	DEPARTURE	PRECIP	DEPARTURE	PRECIP	DEPARTURE	PRECIP	DEPARTURE	PRECIP	DEPARTURE	PRECIP	DEPARTURE	PRECIP	DEPARTURE
ATLANTIC CITY WB AP	1.59	-1.89	1.86	-1.12	3.84	.49	3.33	.00	5.03	2.05	1.29	-1.70	13.09	9.39	3.57	-1.01	1.48	-1.89	4.37	1.32	5.15	2.03	3.15	.07	47.75	7.74
ATLANTIC CITY	1.18	-2.60	1.88	-1.36	3.94	.41	3.83	.43	3.50	.52	1.14	-1.85	15.69	11.91	5.08	.36	.39	-3.12	5.47	2.26	4.82	1.50	3.49	.18	50.41	8.64
AUDUBON	2.07		1.58		3.44		2.37		.75		5.79		5.93		3.77		2.44		4.28		3.93		3.68		40.03	
BASS RIVER ST FOREST	E 1.97		2.27		4.78		3.20		1.55		1.87		11.59		4.47		1.81		4.80		5.37		3.63		E47.31	
BELLEPLAIN	E 1.60	-2.02	E 2.45	- .55	3.87	- .44	2.86	- .70	1.17	-2.90	1.19	-1.24	16.64	12.46	5.98	.10	.53	-3.51	4.00	.36	4.88	.70	3.32	- .21	E48.49	2.05
BELMAR	-		-		-		-		-		-		-		-		1.29		3.57				3.21		-	
BELVIDERE	E 3.42	- .36	2.53	- .50	3.19	-1.05	3.38	- .56	.40	-3.83	5.79	1.39	3.76	-1.61	5.40	.24	3.81	.08	4.61	1.20	3.00	-1.03	3.98	.34	E43.27	- 5.69
BERLIN 1 W	E 2.49		2.08		5.28		2.85		1.35		3.88		-		-		-		-		-		-		-	
BERNARDSVILLE 2 E	-		-		-		-		1.53		6.85		3.06		4.44		1.82		6.23		4.33		5.69		-	
BLACKWELLS MILLS	2.34		1.94		3.66		2.59		1.88		5.98		5.26		7.13		2.48		3.23		4.55		5.09		46.13	
BOONTON 2 SE	2.48	- .81	1.84	- .73	3.60	- .41	2.94	- .76	2.35	-2.00	6.22	2.16	3.90	- .30	5.42	.46	2.21	-2.07	7.09	3.87	3.73	- .39	5.38	2.14	47.16	1.16
BOUND BROOK 1 W	1.99		1.58		4.12		2.26		1.38		4.80		4.61		5.14		1.65		3.65		3.67		4.69		39.34	
BRANCHVILLE	3.13		2.48		3.19		3.74		.82		5.97		2.71		5.25		2.44		4.69		3.99		4.23		42.64	
BURLINGTON	3.06	- .29	2.76	.02	3.58	- .93	2.50	- .92	1.03	-3.05	3.54	- .19	5.41	1.17	6.03	1.44	1.96	-1.77	3.14	- .18	5.18	1.44	4.29	1.35	42.48	- 1.91
CANISTEAR RESERVOIR	2.45		2.28		3.99		3.44		.81		5.57		2.29		6.25		2.68		7.00		4.32		4.80		45.88	
CANOE BROOK	2.53	-1.28	1.83	- .99	4.22	- .14	2.57	-1.29	1.48	-3.05	5.48	1.27	3.35	-1.27	6.36	.94	3.41	- .98	6.72	3.48	3.85	- .38	5.47	1.95	47.27	- 1.74
CANTON	1.76		1.82	E	2.91		3.02		1.72		4.12		6.30		2.97		1.30		2.79		4.01		2.47		E35.19	
CAPE MAY 3 W	1.14		1.85		3.05		3.91		1.69		.90		10.52		6.13		.25		3.49		5.13		2.36		40.42	
CEDAR GROVE	2.90		1.88		4.45		3.82		1.84		6.53		3.33		5.45		2.75		7.54		4.51		4.80		49.80	
CHARLOTTEBURG	2.36	-1.43	2.14	- .88	4.61	.02	3.41	- .68	.97	-3.44	5.38	.89	3.66	-1.07	6.52	1.54	1.54	-2.86	7.05	3.28	3.91	- .78	5.85	1.90	47.40	- 3.51
CHATHAM	2.36	-1.51	1.97	-1.10	4.00	- .57	2.76	-1.23	1.20	-3.23	5.71	1.49	4.27	- .29	5.42	- .11	3.22	-1.25	6.35	3.12	4.07	- .24	5.33	1.54	46.66	- 3.38
CLAYTON	2.65		2.63		5.55		1.85		3.72		5.02		9.73		2.17		.74		5.18		5.34		4.70		49.28	
CLINTON	2.26	E	2.22		3.85		3.19		1.26		4.94		4.54		5.11		1.03		5.02		3.23		5.12		E41.77	
DEEPWATER	1.44		1.83		2.93		1.99		1.18		4.28		-		-		-		-		-		-		-	
ELIZABETH	2.89	-1.26	1.92	-1.14	4.03	- .44	3.10	- .76	1.78	-2.56	4.03	.12	6.25	1.87	8.81	3.80	2.49	-1.85	5.45	2.14	4.95	1.03	4.97	1.55	50.67	2.50
ELIZABETHPORT	2.27		1.87		4.00		2.21		1.51		3.62		5.50		9.23		1.62		4.27		3.89		4.26		44.25	
ESSEX FELLS SERV BLDG	2.61		1.98		3.87		2.49		1.72		4.83		3.34		5.27		2.69		8.27		E 4.22		5.46		E46.75	
FLEMINGTON 1 NE	2.77	- .59	2.28	- .35	3.71	- .42	3.13	- .52	1.47	-2.87	4.68	.76	6.81	2.43	6.33	1.00	2.27	-1.22	5.64	2.46	3.67	- .09	4.98	1.63	47.74	2.22
FORTESCUE	1.80		2.02		3.06		2.94		1.08		1.73		12.41		2.64		2.99		3.03		5.19		2.80		44.69	
FREEHOLD	2.09	-1.55	E 1.77	-1.18	5.02	.82	2.45	-1.11	2.18	-1.95	4.14	.41	8.60	4.58	3.65	-1.35	1.20	-2.67	3.91	.39	4.01	- .05	E 3.72	.34	E42.74	- 3.32
GREENWOOD LAKE	2.43		2.34		4.29		3.75		1.09		6.31		3.08		4.60		1.96		9.49		4.73		4.84		48.91	
HAMMONTON 2 NNE	3.41	- .28	1.86	-1.20	4.10	- .20	3.10	- .57	3.08	-1.07	2.73	-1.31	9.35	5.16	4.24	-1.71	1.32	-2.17	2.74	- .93	3.85	.08	E 4.15	1.03	E43.93	- 3.17
HIGH POINT PARK	2.17		1.90		2.34		3.52		1.09		7.14		3.67		4.90		2.87		5.77		4.08		3.07		42.52	
HIGHTSTOWN 1 N	1.99	-1.29	1.60	- .99	3.98	.08	2.56	- .74	1.39	-2.45	3.73	- .27	7.57	3.32	4.91	.14	1.35	-2.76	2.95	- .32	3.78	.31	4.19	1.27	40.00	- 3.70
INDIAN MILLS 2 W	2.19	-1.53	1.85	-1.07	4.45	.21	2.69	- .77	2.37	-1.73	2.94	-1.11	7.19	3.35	3.57	-2.04	1.47	-1.98	3.01	- .34	4.50	.70	3.74	.62	39.97	- 5.69
IRVINGTON	2.37		2.03		4.40		2.24		1.86		4.44		4.29		6.48		2.74		5.41		3.87		4.21		44.34	
JERSEY CITY	1.82	-1.65	2.02	- .74	E 3.51	- .49	2.97	- .48	1.42	-2.53	4.36	.84	4.16	.20	9.19	4.69	1.78	-2.08	4.55	1.57	3.92	.51	3.93	.75	E43.63	.59
LAMBERTVILLE	2.06	-1.38	1.81	- .78	3.64	- .47	2.59	-1.00	1.67	-2.70	5.05	1.10	3.71	- .76	6.15	.77	1.26	-2.03	3.75	.76	3.39	- .39	4.24	1.09	39.32	- 5.79
LAURELTON 1 E	E 2.23	-1.62	2.02	-1.08	4.90	.63	E 2.80	- .92	3.12	-1.04	2.32	-1.19	18.24	14.44	3.12	-2.02	2.08	-1.66	3.63	- .28	4.87	.66	E 3.42	.13	E52.75	6.05
LAYTON 3 NW	2.46	- .45	2.23	- .05	3.58	.10	3.71	- .06	1.65	-2.46	5.26	1.05	4.72	- .19	5.76	1.21	3.43	- .32	5.61	2.24	3.44	- .39	4.31	1.57	46.16	2.25
LEESBURG STATE FARM	1.45		2.85		2.88		2.60		1.79		1.06		-		-		-		-		-		-		-	
LITTLE FALLS 1 E	2.63	-1.12	1.78	-1.15	4.69	.29	2.71	-1.53	1.41	-3.17	6.28	1.83	3.60	- .90	5.17	- .10	3.40	-1.20	8.97	5.48	3.93	- .47	4.93	1.15	49.50	- .89
LONG BRANCH	2.03	-1.90	1.70	-1.67	5.17	.88	2.52	-1.02	1.40	-2.24	3.11	- .48	8.05	3.96	5.54	.17	1.35	-2.66	3.84	.34	4.12	.18	4.29	.75	43.12	- 3.69
LONG VALLEY	E 2.87	- .74	E 2.44	- .42	E 4.30	- .05	3.39	- .42	1.67	-2.63	5.73	1.44	5.10	- .04	5.18	- .13	1.54	-2.35	8.23	4.79	4.08	- .28	E 6.02	2.46	E50.55	1.63
MACOPIN INTAKE	2.46		1.92		4.43		3.91		1.05		5.46		4.66		6.80		2.06		7.82		4.54		5.73		50.84	
MAHWAH	2.99		2.09		4.18		3.63		.94		6.29		5.29		5.76		1.90		8.61		4.19		5.00		50.87	
MANVILLE	E 2.27		1.80	E	4.16		2.62		1.53		5.38		5.66		6.13		.95		4.36		3.68	E	3.52		E42.06	
MARLTON 1 W	2.18		1.68		4.00		2.68		1.51		3.63		-		-		-		-		-		-		-	
MAYS LANDING	2.24		2.70		3.31		3.24		2.40		1.29		12.86		7.76		1.04		3.15		3.71		2.95		46.65	
MIDLAND PARK	2.10		1.98		4.90		2.96		1.50		6.51		3.04		7.42		1.22		7.24		4.24		5.11		48.22	
MILLVILLE	1.99		1.80		3.32		2.84		1.70		3.32		7.73		4.58		1.65		4.43		5.20		3.20		41.76	
MILTON	2.61		2.55		4.55		4.03		1.14		6.74		4.70		6.71		3.60		7.27		4.77		5.95		54.42	
MOORESTOWN	2.01	-1.22	1.50	-1.07	3.47	- .40	2.50	- .97	1.28	-3.05	3.77	.13	6.80	2.82	4.36	- .57	4.63	.96	2.83	- .17	4.43	.79	4.73	1.98	42.31	- .77
MORRIS PLAINS	2.53		2.02		3.73		3.49		2.12		5.74		3.31		5.42		1.85		6.70		4.24		5.06		46.21	
NEWARK WB AIRPORT	2.40	-1.20	1.89	-1.21	4.09	.31	2.05	-1.22	1.47	-2.26	3.60	- .20	2.49	-1.71	6.94	2.75	2.45	-1.44	4.22	1.02	3.94	.84	4.17	1.07	39.71	- 3.25
NEW BRUNSWICK EXP STA	2.36	-1.02	1.82	- .78	3.46	- .40	2.53	- .81	1.26	-2.73	3.60	- .23	7.32	3.07	5.92	1.14	.78	-3.41	3.33	.21	4.28	.65	4.66	1.60	41.32	- 2.71
NEW MILFORD	2.34	-1.18	E 1.63	-1.08	3.42	- .71	2.20	-1.59	1.04	-3.04	5.71	1.81	5.52	1.14	4.38	- .11	1.08	-2.75	5.30	2.20	3.66	- .07	4.17	.76	E40.45	- 4.62
NEWTON	2.67	- .43	2.19	- .32	3.17	- .41	3.41	- .19	.96	-3.28	4.86	.39	2.80	-1.88	4.63	- .03	3.33	- .53	5.12	1.69	3.96	.22	4.19	1.06	41.29	- 3.71
OAK RIDGE RESERVOIR	2.48		2.42		4.21		3.81		1.19		6.08		4.03		6.12		2.88		9.15		4.46		5.45		52.28	
OLDWICK	2.43		2.07		3.46		2.86		2.29		4.60		4.09		4.35		4.02		6.04		3.60		5.39		45.20	
ORANGE	2.46		1.83		4.33		2.89		2.89		4.47		5.62		5.66		2.78		6.29		4.34		5.55		49.11	
PATERSON	3.10	- .58	2.03	- .87	4.34	- .12	2.48	-1.48	1.53	-2.95	6.89	2.54	3.21	-1.37	4.64	- .40	3.82	- .37	7.49	4.23	4.00	- .06	5.04	1.36	48.57	- .07
PEMBERTON 3 E	2.16	-1.16	1.62	-1.00	4.77	1.04	2.29	-1.15	1.80	-2.18	3.33	- .56	7.52	3.17	5.55	.62	2.32	-1.37	2.37	- .85	4.06	.50	4.00	1.09	41.79	- 1.85
PHILLIPSBURG	1.65	-2.42	1.39	-1.61	2.60	-1.64	3.65	- .25	1.48	-2.82	2.89	-1.50	3.64	-2.00	3.91	-1.40	3.12	- .90	4.51	1.02	3.70	- .06	3.98	.41	36.32	-13.17
PHILLIPSBURG BRIDGE	2.57		2.31		3.02		3.89		1.33		3.13		3.96		E 3.58		3.46		5.16		3.25		3.27		E38.93	
PLAINFIELD	2.38	-1.30	2.14	- .70	5.11	.82	2.69	-1.06	1.39	-2.99	3.66	- .91	3.68	- .81	5.66	.26	1.03	-3.48	3.80	.48	4.41	.49	5.21	1.78	41.16	- 7.42
PLEASANT RUN	2.46		1.95	E	4.67		-		-		-		-		-		-		-		-		-		-	
PRINCETON WATER WORKS	2.16		1.82		3.16		2.02		1.19		4.37		5.05		5.47		1.77		3.70		4.76		4.11		39.58	
RAHWAY	2.29		1.67		3.75		1.84		1.55		2.75		4.63		5.83		.35		2.85		3.05		2.99		33.55	
RIDGEFIELD	2.81	- .91	1.94	- .95	4.12	- .39	2.90	- .76	1.73	-2.54	3.92	.16	3.02	-1.30	3.46	-1.27	1.72	-2.44	5.70	2.34	4.20	.26	4.14	.54	39.66	- 7.26
RINGWOOD	2.19		2.15		3.49		3.64		.70		6.54		4.22		5.01		2.61		8.14		4.32		5.03		48.04	
SANDY HOOK LBSTA	1.99	-1.23	2.38	- .12	5.45	1.82	2.36	- .61	1.51	-2.10	3.57	.45	-		-		-		-		-		-		-	
SHILOH	1.75	-1.92	2.05	- .76	2.71	-1.13	3.12	- .01	2.13	-2.07	4.85	1.41	7.70	3.84	4.68	- .42	.93	-2.98	3.03	- .09	4.50	.86	2.59	- .53	40.04	- 3.80
SOMERVILLE	2.15	-1.20	1.78	- .86	3.71	- .37	2.50	-1.04	1.26	-2.86	4.00	.00	6.34	1.90	4.18	-1.23	1.26	-2.18	4.64	1.36	3.64	- .11	4.57	1.34	40.03	- 5.25
SPLIT ROCK POND	2.01		2.14		2.64		3.69		1.17		6.96		6.46		4.96		2.87		8.46		4.74		5.36		51.46	
SUSSEX 3 N //	2.60	- .90	2.45	- .29	3.10	- .53	3.36	- .38	.78	-3.18	6.31	2.11	3.51	-1.56	7.63	2.76	2.18	-1.48	4.92	1.72	3.85	- .15	3.55	.13	44.24	- 1.75
SWEDESBORO 5 NW	1.86		1.61		3.26		2.11		1.17		5.65		-		-		-		-		-		-		-	
TOMS RIVER	2.57	E	1.68		4.36		2.48		2.48		4.68		13.01		1.98		2.09		4.35		5.00		4.15		E48.83	
TRENTON 2	2.39	-1.36	1.92	- .94	4.57	.16	3.60	- .13	2.27	-2.07	4.68	.43	-		-		-		-		-		-		-	
TRENTON WB CITY	2.05	-1.11	1.72	- .94	3.80	.60	2.72	- .28	2.41	-1.07	4.48	.61	5.11	1.05	7.46	2.87	1.28	-2.47	2.59	- .06	4.10	1.24	3.58	.80	41.30	1.24
TUCKERTON	E 2.04		3.30		5.43		3.95		1.80		E 1.68		7.10		4.10		1.43		4.60		4.60		E 4.10		E44.13	
VINELAND	2.37		2.01		3.43		2.98		3.83		2.28		-		-		-		-		-		-		-	
WANAQUE RAYMOND DAM	2.36		1.93		3.58		3.20		.83		5.52		4.36		4.18		2.90		8.71		3.85		5.34		46.76	
WERTSVILLE	2.00		1.66		3.30		2.50		1.53		4.21		5.73		4.23		2.74		3.19		4.64		4.73		40.46	
WESTFIELD	E 2.46		1.96		4.73		2.47		1.17		4.35		5.39		5.82		2.42		4.76		3.86		5.04		E44.43	
WEST WARWICK	-		-		-		-		1.03		6.62		3.92		7.14		4.45		7.54		4.15		5.72		-	
WOODCLIFF LAKE	2.52	-1.09	2.18	- .57	4.39	.17	3.13	- .78	1.29	-2.92	5.42	1.74	3.46	- .88	6.96	2.29	1.09	-2.89	7.23	4.13	4.34	.43	4.75	1.23	46.76	.86
WOODSTOWN	2.11		1.91		3.47		3.25		1.34		4.62		7.14		3.02		2.97		6.09		5.07		3.53		44.60	
DIVISIONAL AVERAGES																										
NORTHERN	2.51	-1.06	2.02	- .78	3.78	- .41	3.02	- .76	1.45	-2.84	5.10	.94	4.00	- .62	5.77	.70	2.36	-1.67	5.86	2.55	3.90	- .09	4.66	1.19	44.43	- 2.85
SOUTHERN	2.17	-1.38	1.99	- .80	3.90	- .16	2.73	- .71	2.04	-1.95	3.49	- .22	8.23	4.18	4.50	- .70	1.69	-2.09	3.73	.46	4.55	.77	3.82	.66	42.84	- 1.94
COASTAL	1.59	-2.08	1.95	-1.01	4.05	.19	3.16	- .09	2.03	-1.34	2.18	- .99	11.42	8.01	5.58	.67	.66	-3.08	4.27	1.17	4.69	1.04	3.38	.17	44.96	2.66

See Refereoce Notes Following Statioo Index

Table 3

TEMPERATURE EXTREMES AND FREEZE DATA

Station	Highest	Date	Lowest	Date	Last spring minimum of 16° or below		20° or below		24° or below		28° or below		32° or below		First fall minimum of 32° or below		28° or below		24° or below		20° or below		16° or below		Number of days between dates 16° or below	20° or below	24° or below	28° or below	32° or below
					Date	Temp.	Date	Temp.	Date	Temp.	Date	Temp.	Date	Temp.	Date	Temp.	Date	Temp.	Date	Temp.	Date	Temp.	Date	Temp.					
ATLANTIC CITY W8 AP	98	6-29	6	1-19+	2-21	13	3-23	18	3-29	22	3-29	22	4-13	32	10-29	30	11- 3	28	11-18	21	12-22	19	12-23	11	305	274	234	219	199
ATLANTIC CITY	93	8-22+	10	2-20+	2-20	10	2-21	17	3-23	24	3-29	25	3-29	25	11- 3	31	11-17	28	11-18	23	12-22	20	12-23	14	306	304	240	233	219
AUDUBON	99	6-30	8	1- 5	2-21	13	2-26	20	3-29	22	3-29	22	4-13	32	10-29	29	11-11	28	11-18	21	12-22	20	12-23	12	305	299	234	227	199
BELLEPLAIN	100	6-29	3	1-18+	2-26	16	3-29	19	3-29	19	3-29	19	4-13	32	10-19	30	10-29	25	11-18	20	11-18	20	12-23	11	300	234	234	214	189
BELVIDERE	96	6-29	2	12-23	3-29	15	3-29	15	3-29	15	3-29	15	4-24	32	10-16	32	10-29	25	11- 9	24	11-18	16	11-18	16	234	234	225	214	175
BOONTON 2 SE	94	8-29+	3	12-24+	2-26	16	3-29	17	3-29	17	4-13	28	4-24	31	10-20	28	10-20	28	11-18	19	11-18	19	12-23	3	300	234	234	190	179
BURLINGTON	98	6-30	7	1-19	2-20	9	2-25	19	3-29	22	3-29	22	3-29	22	11- 9	32	11-11	28	11-18	21	12-23	10	12-23	10	306	301	234	227	225
CANOE BROOK	95	8-16+	- 3	12-23	3-29	15	3-29	15	3-29	15	3-29	15	4-24	30	10-19	32	10-29	25	11-11	24	11-18	19	12-21	16	267	234	227	214	178
CAPE MAY 3 W	94	8-22+	9	2-20	2-20	9	2-20	9	3-29	24	3-29	24	3-29	24	11-18	26	11-18	26	12-23	16	12-23	16	12-23	16	306	306	269	234	234
CHARLOTTEBURG	93	6-30	- 2	1-19	3-29	14	3-29	14	4-13	24	4-24	28	5- 9	32	9-18	31	10-20	26	10-29	24	11-11	20	11-18	15	234	227	199	179	132
CHATSWORTH 5 S	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CLAYTON	97	6-30	2	2-20	2-21	14	2-25	19	3-29	22	3-29	22	4-14	31	10-29	29	11-18	20	11-18	20	11-18	20	12-23	11	305	266	234	234	198
ELIZABETH	97	8-19+	6	12-23+	2-25	16	3-29	19	3-29	19	3-29	19	4- 5	32	10-19	32	11- 3	27	11-18	18	11-18	18	12-23	6	301	234	234	219	197
ESSEX FELLS SERV BLDG	95	7- 1+	4	2-20+	2-26	12	3-28	20	3-29	21	3-29	21	4-13	31	10-29	31	11- 9	27	11-15	16	11-15	16	11-15	16	262	232	231	225	199
FLEMINGTON 1 NE	96	8-28+	- 1	12-23	3-29	15	3-29	15	3-29	15	4-24	27	4-24	27	9-18	31	10-20	28	10-29	22	11-18	19	12- 9	14	255	234	214	179	147
FREEHOLD	96	6-29	2	12-23	2-25	15	3-29	18	3-29	18	3-29	18	4-23	32	10-19	32	10-29	27	11-18	20	11-18	20	12-23	2	301	234	234	214	179
HAMMONTON 2 NNE	98	6-30	6	12-23	2-21	12	3-29	18	3-29	18	3-29	18	4-14	31	10-19	32	10-29	27	11-18	19	11-18	19	12-23	6	305	234	234	214	188
HIGH POINT PARK	95	6-30	- 5	2-20	3-29	8	3-29	8	3-30	24	4-14	26	4-22	29	9-17	30	10-19	25	10-29	22	11-18	7	11-18	7	234	234	213	188	148
HIGHTSTOWN 1 N	99	6-29	5	12-23	2-22	16	3-29	20	3-29	20	3-29	20	4-24	32	10-19	31	10-29	26	11-18	21	12-21	20	12-23	5	304	267	234	214	178
INDIAN MILLS 2 W	98	6-30+	1	1-28+	3-23	15	3-29	17	3-29	17	3-29	17	4-24	29	9-18	30	10-29	22	10-29	22	11-18	20	11-19	15	241	234	214	214	147
JERSEY CITY	96	6-29	6	2-20	2-21	15	3-23	19	3-23	19	3-29	25	4-13	31	10-29	32	11-17	24	11-17	24	11-18	19	12-22	14	304	240	239	233	199
LAMBERTVILLE	98	6-30	5	12-23+	2-22	16	3-29	18	3-29	18	3-29	18	4-24	32	10-19	30	10-29	26	11-18	20	11-18	20	12-23	5	304	234	234	214	178
LAURELTON 1 E	100	6-29	-	-	2-26	14	3-29	17	3-29	17	3-29	17	4-24	29	10-19	32	10-29	27	11-11	24	11-30	20	12-22	13	299	246	227	214	178
LAYTON 3 NW	95	6-30	- 5	2- 2+	3-29	12	4-14	18	4-23	23	5- 9	28	5- 9	28	10-18	32	10-20	24	10-20	24	11-10	20	11-18	14	234	210	180	164	162
LEESBURG STATE FARM	-	-	-	-	2-20	11	3-29	20	3-29	20	3-29	20	4- 7	30	-		-		-		-		-		-	-	-	-	-
LITTLE FALLS 1 E	97	6-30	4	12-23	2-25	15	3-29	19	3-29	19	3-29	19	4-13	30	10-19	32	10-29	28	11-18	20	11-18	20	12-23	4	301	234	234	214	189
LONG BRANCH	98	6-29	8	2-20	2-21	13	2-26	20	3-29	23	3-29	23	3-29	23	10-29	30	11-17	28	11-18	22	12-22	15	12-22	15	304	299	234	233	214
LONG VALLEY	95	6-29	- 3	1-19	3-23	16	3-29	17	3-29	17	4-24	28	4-24	28	9-18	30	10-19	26	10-30	24	11-11	20	11-18	15	240	227	215	178	147
MILLVILLE	99	7- 1	8	2- 2+	2-21	12	2-21	12	3-29	23	3-29	23	4- 6	30	10-29	31	11-18	22	11-18	22	12-23	12	12-23	12	305	305	234	234	206
MOORESTOWN	97	6-30+	5	1-28	2-20	9	3-29	20	3-29	20	3-29	20	4-13	32	10-28	32	10-29	27	11-18	21	12-22	15	12-22	15	305	268	234	214	198
MORRIS PLAINS	95	6-30+	3	1-19	2-26	14	3-29	19	3-29	19	4-13	28	4-24	29	10-19	32	10-20	28	11-11	23	11-18	17	12-21	16	298	234	227	190	178
NEWARK W8 AIRPORT	100	6-29	8	2-20+	2-21	15	3-23	20	3-29	23	3-29	23	3-29	23	11-17	25	11-17	25	11-18	21	12-22	17	12-23	10	305	274	234	233	233
NEW BRUNSWICK EXP STA	96	6-30+	3	12-23	2-25	15	3-29	18	3-29	18	3-29	18	4-13	31	10-29	27	10-29	27	11-18	18	11-18	18	12-23	3	301	234	234	214	199
NEWTON	96	6-30	- 1	1-19	3-29	12	3-29	12	4-13	23	4-23	27	5- 9	30	9-19	29	10-20	27	10-29	23	11- 9	20	11-18	16	234	225	199	180	133
PATERSON	99	6-30	5	2- 2	2-25	15	3-23	18	3-29	21	3-30	28	4-13	30	10-29	30	11-18	19	11-18	19	11-18	19	12-23	7	301	240	234	233	199
PEMBERTON 3 E	99	6-29	1	1-28	2-26	16	3-29	20	3-29	20	3-29	20	4-13	32	10-16	30	10-29	24	10-29	24	11-19	17	12-23	4	300	235	214	214	186
PHILLIPSBURG	99	9- 9	4	1-19	2-25	15	3-29	18	3-29	18	3-29	18	4-13	32	10-19	32	10-29	26	11-10	22	11-18	19	12-23	13	301	234	226	214	189
PLAINFIELD	98	6-29	2	12-23	2-25	16	3-29	18	3-29	18	3-29	18	4-24	32	10-19	32	10-29	26	11-18	20	11-18	20	12-23	2	301	234	234	214	178
RIDGEFIELD	97	6-29	6	2- 2	2-25	16	3-29	20	3-29	20	3-29	20	4-13	32	10-29	29	11-17	25	11-18	20	11-18	20	12-22	11	300	234	234	233	199
SANDY HOOK L8STA	-	-	-	-	2-21	16	3-23	20	3-29	24	3-29	24	3-30	31	-		-		-		-		-		-	-	-	-	-
SMILOH	98	6-30	9	2- 2+	2-21	16	2-25	20	3-29	23	3-29	23	4-14	30	10-29	31	11-18	20	11-18	20	11-18	20	12-23	12	305	266	234	234	198
SOMERVILLE	98	6-29	2	1-19	3-29	15	3-29	15	3-29	15	4- 7	28	4-24	31	10-16	32	10-29	25	11-11	23	11-18	19	12-23	4	269	234	227	205	175
SUSSEX 3 N	95	6-30	- 6	12-23	3-29	12	3-30	19	4-13	23	4-23	28	4-24	32	9-19	32	10-29	25	11- 9	22	11-18	15	11-18	15	234	233	210	189	148
TOMS RIVER	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		-		11-11	24	11-19	17	12-20	15	-	-	-	-	-
TRENTON 2	-	-	-	-	2-25	15	3-29	18	3-29	18	3-29	18	4-13	31	-		-		-		-		-		-	-	-	-	-
TRENTON WB CITY	98	6-29	7	2-20+	2-21	16	2-25	19	3-29	22	3-29	22	4-12	32	11- 9	32	11-17	26	11-18	21	12-22	17	12-23	11	305	300	234	233	211
TUCKERTON	100	6-29	2	1-19+	3-22	14	3-29	17	3-29	17	4-24	29	4-24	29	10-16	32	10-29	26	11-11	24	11-18	20	12-23	7	276	234	227	214	175
WOODSTOWN	98	6-29	- 1	1-28	2-21	15	3-23	20	3-29	21	3-29	21	4-13	32	10-29	27	10-29	27	11-18	21	12-23	11	12-23	11	305	275	234	214	199

Table 4

TOTAL EVAPORATION AND WIND MOVEMENT

Station		Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual
ATLANTIC CITY WB AIRPORT	EVAP	-	-	-	5.13	B8.07	B7.01	B7.27	B5.93	B6.10	B3.82	-	-	-
	DEP	-	-	-	-	-	-	-	-	-	-	-	-	-
	WIND	-	-	-	2966	2863	2532	2058	1705	1796	B2525	-	-	-
	MAX	-	-	-	67.5	82.1	86.2	89.6	88.6	85.5	72.7	-	-	-
	MIN	-	-	-	46.0	57.4	64.1	69.3	70.4	63.4	57.4	-	-	-
CANOE BROOK	EVAP	-	-	-	-	B4.83	B4.63	4.92	B5.34	B3.91	B2.54	-	- .	-
	DEP	-	-	-	-	.27	.09	- .19	1.16	.93	.65	-	-	-
	WIND	-	-	-	-	B1027	881	661	825	659	931	1301	-	-

See reference notes following Station Index.

SOIL TEMPERATURES

Station and Depth	January		February		March		April		May		June		July		August		September		October		November		December		Annual	
	Average	Extremes	Average	Extremes	Average	Extremes	Average	Extremes	Average	Extremes	Average	Extremes	Average	Extremes	Average	Extremes	Average	Extremes	Average	Extremes	Average	Extremes	Average	Extremes	Average	Extremes
NEW BRUNSWICK EXP STA																										
1 INCH	31.6	36/28	30.6	34/26	35.6	49/30	48.8	60/40	60.8	75/48	70.0	90/52	76.0	93/62	76.0	89/62	71.6	85/53	60.2	81/42	46.5	62/36	32.6	45/27	53.4	93/26
2 INCHES	31.5	34/29	30.4	34/28	36.4	48/30	48.6	60/40	60.7	76/48	69.5	88/52	75.8	89/63	75.4	86/66	71.1	81/55	60.3	78/43	45.8	64/37	33.2	40/30	53.2	89/28
4 INCHES	31.6	34/29	30.7	34/28	36.4	47/30	49.0	59/40	60.8	78/49	68.1	81/58	73.5	82/58	74.7	83/66	69.3	82/56	60.2	75/44	46.6	60/37	33.4	42/30	52.9	83/28
8 INCHES	32.8	35/31	31.7	34/31	36.1	43/31	47.6	54/40	59.1	69/50	66.5	77/59	72.6	78/68	73.3	78/68	69.2	79/60	61.2	72/48	45.0	58/40	35.3	44/32	52.5	79/31
12 INCHES	-	--/--	-	--/--	-	--/--	-	--/--	-	--/--	-	--/--	-	--/--	72.0	75/68	70.0	76/80	62.1	70/51	49.2	57/42	-	--/--	-	76/--
16 INCHES	34.5	36/33	32.8	36/32	36.2	40/32	48.4	51/39	56.0	66/49	64.3	71/60	70.3	74/68	71.8	74/68	69.9	79/64	61.9	70/52	50.1	56/43	38.1	45/35	62.7	79/32
32 INCHES	36.8	40/35	34.3	37/34	36.3	39/33	-	39/--	-	--/--	-	--/--	-	--/--	-	--/--	-	--/--	-	--/--	-	--/--	41.3	47/37	-	--/33

Monthly averages are obtained by taking the average of max and min values.

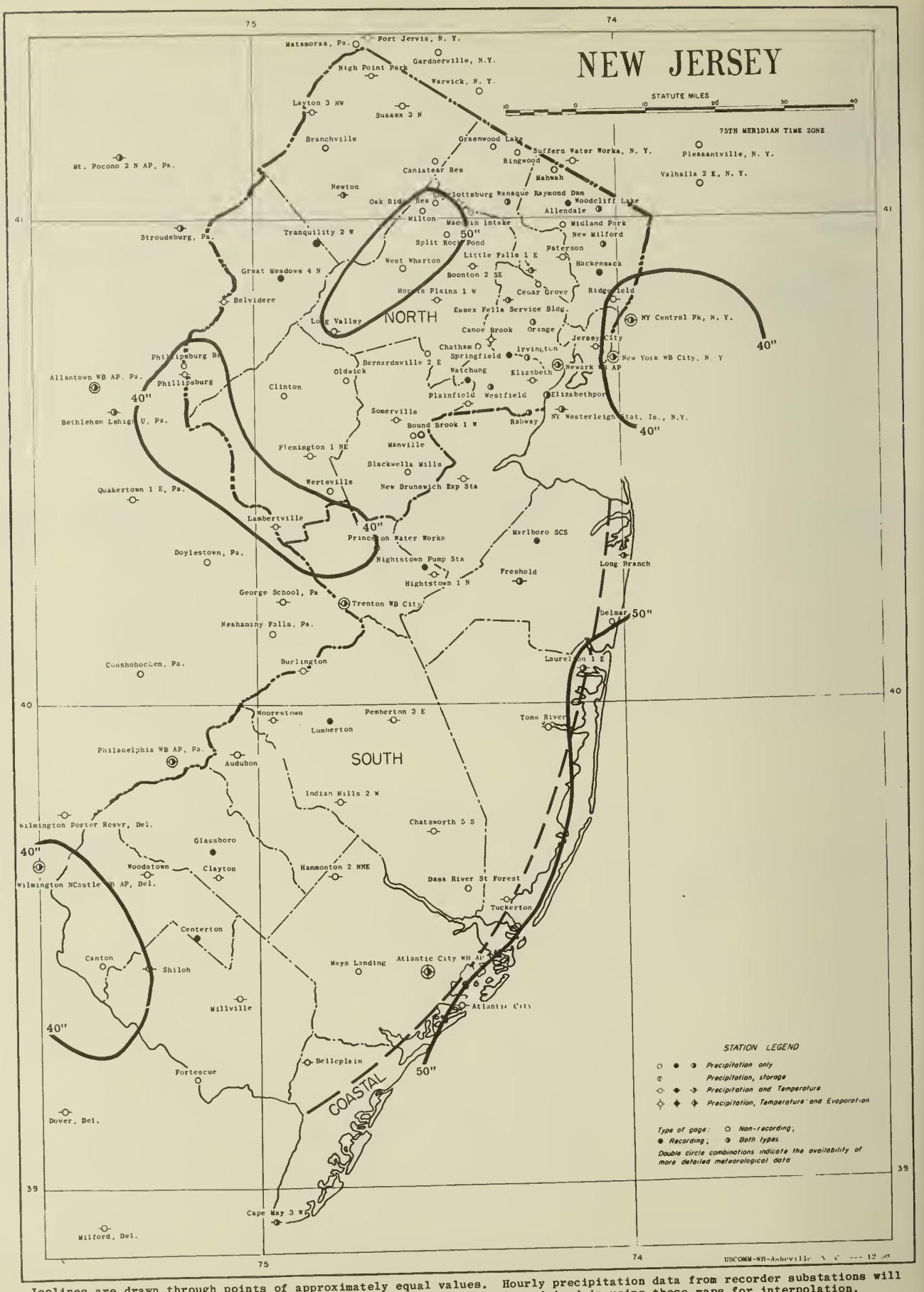
Slope of Ground: Flat. Ground Cover: Kentucky bluegrass. Instrumentation: Copper-constantan Thermocouples connected to a Brown Electronik Potentiometer.

RELOCATION AND CHANGES OF EQUIPMENT

BELVIDERE	All equipment moved 0.4 mile SE	January 28, 1959
HIGHTOWN PUMPING STA	All equipment moved 40 feet N	August 11, 1959
TOMS RIVER	Temperature equipment added	November 1, 1959

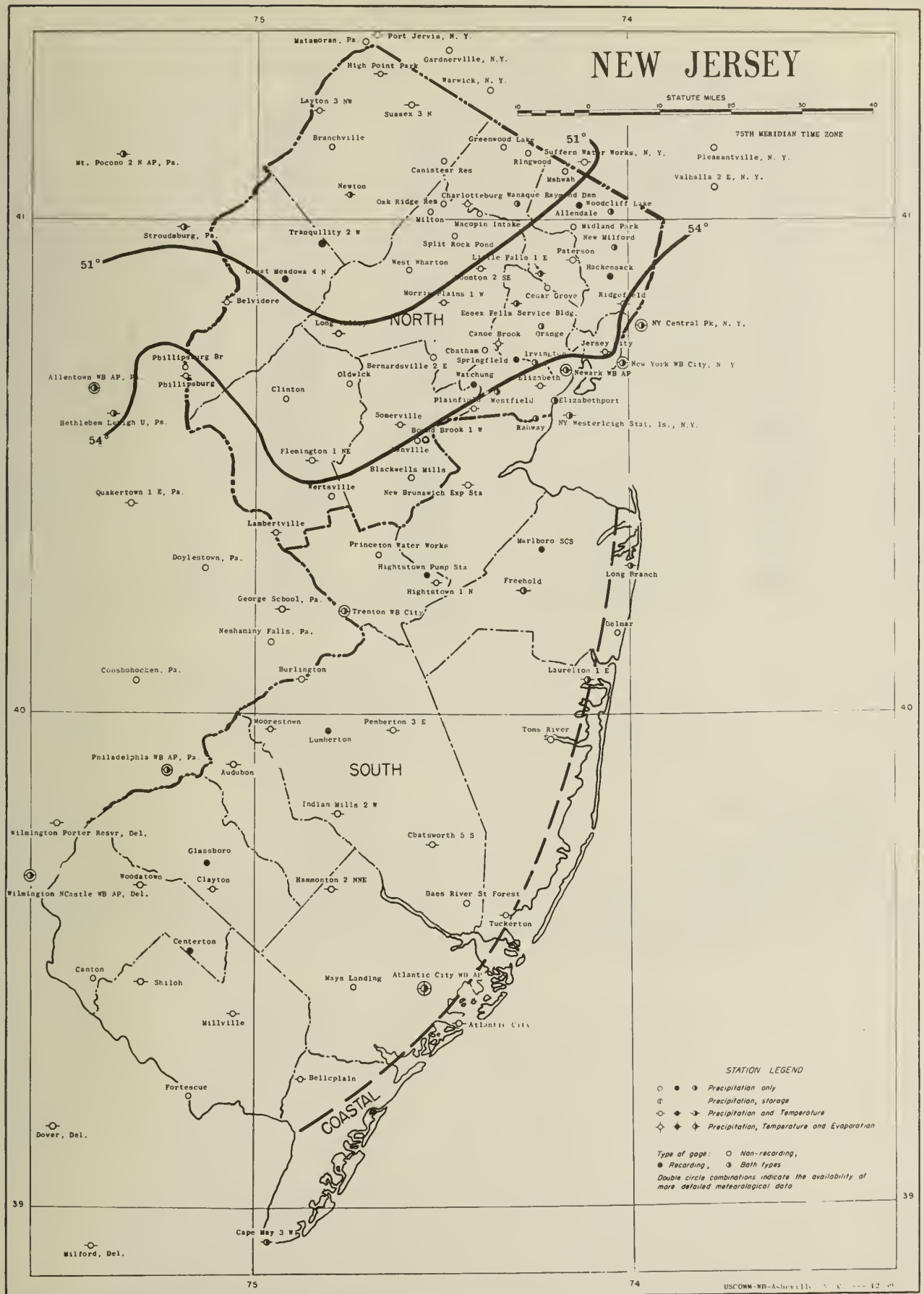
See reference notes following Station Index

TOTAL PRECIPITATION



Isolines are drawn through points of approximately equal values. Hourly precipitation data from recorder substations will be available in the publication "Hourly Precipitation Data". Caution advised in using these maps for interpolation, particularly in mountainous areas.

AVERAGE TEMPERATURE



Isolines are drawn through points of approximately equal values. Hourly precipitation data from recorder substations will be available in the publication "Hourly Precipitation Data". Caution advised in using these maps for interpolation, particularly in mountainous areas.

STATION INDEX

Station	Index No.	County	Drainage‡	Latitude	Longitude	Elevation	Years of record: Temp.	Years of record: Precip.	Years of record: Evap.	Opened or closed during yr.: Month opened	Opened or closed during yr.: Month closed	Refer to tables
ALLENDALE	0100	BERGEN	8	41 02	74 08	270						C
ATLANTIC CITY W8 AP	0311	ATLANTIC	1	39 27	74 35	58	2	2	2			1 2 3 4 C
#ATLANTIC CITY	0325	ATLANTIC	1	39 23	74 26	10	86	86				1 2 3
AUDUBON	0346	CAMDEN	2	39 54	75 04	50	7	10				1 2 3
BASS RIVER ST FOREST	0528	BURLINGTON	1	39 37	74 26	20	7	13				1 2 3
BELLEPLAIN	0690	CAPE MAY	1	39 16	74 52	49	65	65				1 2 3
BELMAR	0721	MONMOUTH	1	40 10	74 02	19		16				2
BELVIDERE	0729	WARREN	2	40 50	75 05	275	67	67				1 2 3
BERLIN 1 W	0787	CAMDEN	7	39 48	74 57	150		18				2
BERNARDSVILLE 2 E	0797	SOMERSET	8	40 43	74 32	240		1		APR		2
BLACKWELLS MILLS	0847	SOMERSET	10	40 29	74 35	27		3				2
BOONTON 2 SE	0907	MORRIS	8	40 54	74 24	280	51	69				1 2 3
BOUND BROOK 1 W	0927	SOMERSET	10	40 33	74 33	20		3				2
BRANCHVILLE	0978	SUSSEX	2	41 09	74 45	570		58				2
BURLINGTON	1211	BURLINGTON	2	40 04	74 53	12	47	73				1 2 3
CANISTEAR RESERVOIR	1327	SUSSEX	8	41 07	74 30	1040		19				2
CANOE BROOK	1335	ESSEX	8	40 45	74 21	180	29	29	29			1 2 3 4
CANTON	1343	SALEM	2	39 28	75 25	20		13				2
CAPE MAY 3 W	1351	CAPE MAY	1	38 56	74 57	17	34	71				1 2 3 C
CEDAR GROVE	1472	ESSEX	8	40 52	74 13	400		19				2
CENTERTON	1512	SALEM	6	39 31	75 10	80						C
CHARLOTTEBURG	1582	PASSAIC	8	41 03	74 26	760	67	67				1 2 3
CHATHAM	1590	MORRIS	8	40 44	74 23	185		55				2
CHATSWORTH 5 S	1598	BURLINGTON	1	39 44	74 32	90	15	15			INAC	1 2 3
CLAYTON	1708	GLOUCESTER	6	39 39	75 06	120	46	66				1 2 3
CLINTON	1749	HUNTERDON	10	40 38	74 55	300		16				2
DEEPWATER	2209	SALEM	2	39 41	75 30	12		19			JULY	2
ELIZABETH	2644	UNION	1	40 40	74 14	33	80	80				1 2 3
ELIZABETHPORT	2652	UNION	8	40 38	74 12	10		20				2 C
ESSEX FELLS SERV BLDG	2768	ESSEX	8	40 50	74 18	250	11	11				1 2 3 C
FLEMINGTON 1 NE	3029	HUNTERDON	10	40 31	74 51	134	62	73				1 2 3
FORTESCUE	3102	CUMBERLAND	2	39 14	75 10	5		13				2
FREEHOLD	3181	MONMOUTH	10	40 15	74 17	194	55	55				1 2 3 C
GLASSBORO	3291	GLOUCESTER	2	39 42	75 07	150						C
GREAT MEADOWS 4 N	3416	WARREN	2	40 56	74 55	540						C
GREENWOOD LAKE	3516	PASSAIC	8	41 09	74 20	660		19				2
HACKENSACK	3572	BERGEN	4	40 53	74 03	10						C
HAMMONTON 2 NNE	3662	ATLANTIC	7	39 39	74 48	85	27	53				1 2 3
HIGH POINT PARK	3935	SUSSEX	2	41 18	74 40	1570	3	3				1 2 3
HIGHTSTOWN 1 N	3951	MERCER	10	40 16	74 31	100	63	66				1 2 3
HIGHTSTOWN PUMPING STA	3956	MERCER	10	40 17	74 32	75						C
INDIAN MILLS 2 W	4229	BURLINGTON	7	39 48	74 47	100	69	70				1 2 3
IRVINGTON	4260	ESSEX	1	40 43	74 15	120		20				2 C
JERSEY CITY	4339	HUDSON	1	40 44	74 04	135	61	61				1 2 3
LAMBERTVILLE	4635	HUNTERDON	2	40 22	74 57	75	72	72				1 2 3
LAURELTON 1 E	4700	OCEAN	1	40 04	74 07	20	55	55				1 2 3 C
LAYTON 3 NW	4735	SUSSEX	2	41 15	74 51	480	58	58				1 2 3
LEESBURG STATE FARM	4762	CUMBERLAND	6	39 14	74 58	10	9	9			JULY	1 2 3
LITTLE FALLS 1 E	4887	PASSAIC	8	40 53	74 14	157	45	56				1 2 3 C
LONG BRANCH	4987	MONMOUTH	1	40 18	73 59	34	51	51				1 2 3 C
LONG VALLEY	5003	MORRIS	10	40 48	74 46	660	29	29				1 2 3
LUMBERTON	5055	BURLINGTON	2	39 58	74 48	25						C
MACOPIN INTAKE	5071	PASSAIC	8	41 01	74 24	584		19				2
MAHWAH	5104	BERGEN	8	41 06	74 10	253		3				2
MANVILLE	5197	SOMERSET	10	40 33	74 34	50		19				2
MARLBORO SCS	5244	MONMOUTH	1	40 20	74 14	120						C
MARLTON 1 W	5252	BURLINGTON	2	39 54	74 57	90		18			JULY	2
MAYS LANDING	5346	ATLANTIC	3	39 27	74 44	50		15				2
MIDLAND PARK	5503	BERGEN	1	40 59	74 09	210		13				2
MILLVILLE	5576	CUMBERLAND	6	39 24	75 03	60	3	19				1 2 3 C
MILTON	5597	MORRIS	8	41 01	74 32	950		19				2
MOORESTOWN	5728	BURLINGTON	2	39 58	74 58	55	96	96				1 2 3
MORRIS PLAINS	5769	MORRIS	8	40 50	74 30	500	14	18				1 2 3
NEWARK WB AIRPORT	6026	ESSEX	1	40 42	74 10	11	60	105				1 2 3 C
NEW BRUNSWICK EXP STA	6062	MIDDLESEX	10	40 28	74 26	80	102	105				1 2 3 G
NEW MILFORD	6146	BERGEN	4	40 57	74 02	12		41				2 C
NEWTON	6177	SUSSEX	2	41 03	74 45	565	76	76				1 2 3 C
OAK RIDGE RESERVOIR	6460	PASSAIC	8	41 02	74 30	870		19				2
OLDWICK	6544	HUNTERDON	10	40 40	74 45	260		3				2
ORANGE	6560	ESSEX	8	40 47	74 14	140		19				2 C
PATERSON	6775	PASSAIC	8	40 55	74 09	100	89	88				1 2 3
PEMBERTON 3 E	6843	BURLINGTON	2	39 58	74 38	60	30	30				1 2 3
PHILLIPSBURG	6974	WARREN	2	40 41	75 12	182	68	76				1 2 3
PHILLIPSBURG BRIDGE	6979	WARREN	2	40 42	75 12	196		20				2
PLAINFIELD	7079	UNION	10	40 36	74 25	120	68	71				1 2 3
PLEASANT RUN	7123	HUNTERDON	10	40 34	74 48	140		2			APR	2
PRINCETON WATER WORKS	7328	MERCER	10	40 19	74 40	90		11				2
RAHWAY	7393	UNION	9	40 36	74 15	20		20				2 C
RIDGEFIELD	7545	BERGEN	4	40 50	74 01	80	42	42				1 2 3
RINGWOOD	7587	PASSAIC	8	41 08	74 16	305		19				2
SANDY HOOK LBSTA	7869	MONMOUTH	1	40 28	74 01	20	61	61			AUG	1 2 3
SHILOH	8051	CUMBERLAND	2	39 28	75 18	120	2	2				1 2 3
SOMERVILLE	8194	SOMERSET	10	40 34	74 37	75	73	76				1 2 3
SPLIT ROCK POND	8402	MORRIS	8	40 58	74 28	800		19				2
SPRINGFIELD	8423	UNION	1	40 43	74 18	-						C
SUSSEX 3 N	8644	SUSSEX	5	41 14	74 35	530	61	64				1 2 3
SWEDESBORO 5 NW	8685	GLOUCESTER	2	39 47	75 24	10		13			JULY	2
TOMS RIVER	8816	OCEAN	1	39 57	74 13	10	0	38				1 2 3
TRANQUILITY 2 W	8858	WARREN	2	40 57	74 50	551						C
TRENTON 2	8878	MERCER	2	40 14	74 46	105	29	29			JULY	1 2 3
#TRENTON WB CITY	8883	MERCER	2	40 13	74 46	56	87	87				1 2 3 C
TUCKERTON	8899	OCEAN	1	39 36	74 20	10	59	64				1 2 3
VINELAND	9135	CUMBERLAND	6	39 29	75 00	110		79			JULY	2
WANAQUE RAYMOND DAM	9187	PASSAIC	8	41 03	74 18	320		19				2 C
WATCHUNG	9271	UNION	8	40 40	74 25	-						C
WERTSVILLE	9363	HUNTERDON	10	40 27	74 48	160		3				2
#WESTFIELD	9455	UNION	9	40 39	74 21	138		20				2 C
WEST WHARTON	9608	MORRIS	8	40 54	74 36	680		1		APR		2
WOODCLIFF LAKE	9832	BERGEN	4	41 01	74 03	103		41				2 C
WOODSTOWN	9910	SALEM	2	39 39	75 19	50	11	21				1 2 3

‡ 1-COASTAL; 2-DELAWARE; 3-GREAT EGG HARBOR; 4-HACKENSACK; 5-HUDSON; 6-MAURICE; 7-MULLICA; 8-PASSAIC; 9-RAHWAY; 10-RARITAN; 11-ROCKAWAY

REFERENCE NOTES

Additional information regarding the climate of New Jersey may be obtained by writing to the State Climatologist at the Weather Bureau Office, % General Delivery, Trenton, New Jersey, or to any Weather Bureau Office near you.

Unless otherwise indicated, dimensional units used in this bulletin are: Temperature in °F; precipitation and evaporation in inches, and wind movement in miles.

Evaporation is measured in the standard Weather Bureau type pan of 4 foot diameter unless otherwise shown by footnote following the "Evaporation and Wind" Table.

Climatological divisions, outlined on the maps in this bulletin became effective with data for September 1956.

Long-term means for full-time stations (those shown in the Station Index as "U. S. Weather Bureau") are based on the period 1921-1950, adjusted to represent observations taken at the present location. Long-term means for all stations except full-time Weather Bureau stations are based on the period 1931-1955.

Figures and letters following the station name, such as 12 SSW, indicate distance in miles and direction from the post office.

Delayed data and corrections will be carried in the June and December issues of Climatological Data.

- \- No record.
- \+ Also earlier date (dates) or months.
- * Amount included in following measurement.
- \# Thermometers are generally exposed in a shelter located a few feet above sod covered ground; however the reference indicates that the thermometers are exposed in a shelter located on the roof of a building.
- B Adjusted to a full month.
- C Data for recorder stations denoted by "C" in the "Refer to tables" column of the Station Index are processed for special purposes and published in "Hourly Precipitation Data". Length of record for recorder - only stations may be found in the annual issue of "Hourly Precipitation Data".
- E Amount is wholly or partially estimated.
- G In the "Refer to tables" column of the Station Index the letter "G" indicates that soil temperatures are published.
- M One or more days record missing; if average value is entered, less than 10 days record is missing. See monthly Climatological Data for detailed daily record.
- T Trace, an amount too small to measure.
- V Includes total for previous month. V in annual column means total is for a two-year period.

Information concerning the history of changes in location, elevations, exposures, etc., of substations through 1955 may be found in the publication "Substation History" for this state. That publication may be obtained from the Superintendent of Documents, Government Printing Office, Washington, D. C. for 15 cents. Similar information for regular Weather Bureau stations may be found in the latest annual issue of Local Climatological Data, obtained as indicated above, price 15 cents.

Subscription Price: 20 cents per copy, monthly and annual; $2.50 per year. (Yearly subscription includes the Annual Summary.) Checks, and money orders should be made payable to the Superintendent of Documents. Remittances and correspondence regarding subscriptions should be sent to the Superintendent of Documents, Government Printing Office, Washington 25, D. C.

USCOMM-WB-Asheville, N. C. --- 3/9/60 --- 900

UNIVERSITY OF ILLINOIS-URBANA
3 0112 084237160